

## 2Q19

## EARNINGS RELEASE

Belo Horizonte, August 14, 2019 - Kroton Educacional S.A. (B3: KROT3; OTCQX: KROTY), "Kroton" or the "Company," announces today its results for the second quarter of 2019 (2Q19). The Company's financial information is presented on a consolidated basis and in Brazilian real, in accordance with Brazilian Corporate Law and Generally Accepted Accounting Principles in Brazil (BRGAAP), and already conforms to International Financial Reporting Standards (IFRS), except where stated otherwise.

## DISCLAIMER

This document contains forward-looking statements and information. These forward-looking statements and information are merely forecasts and not guarantees of future performance. All stakeholders are cautioned that such forward-looking statements and information involve risks, uncertainties and factors relating to the operations and business environments of Kroton and its subsidiaries and affiliates, and that the actual results of the companies could differ materially from the future results anticipated explicitly or implicitly by such forward-looking statements and information.

## HIGHLIGHTS - MANAGEMENT ANALYSIS

| Values in R \$ ( 0000 | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Revenue | 1.742.357 | 1.526.273 | 14,2\% | 1.837 .100 | -5,2\% | 3.579 .457 | 2.889 .598 | 23,9\% |
| EBITDA ' | 624.767 | 653.065 | -4,3\% | 750.819 | -16,8\% | 1.375 .585 | 1.320.168 | 4,2\% |
| EBITDA Margin | 35,9\% | 42,8\% | -6,9 p.p. | 40,9\% | -5,0 p.p. | 38,4\% | 45,7\% | -7,3 p.p. |
| Adjusted Net Income ${ }^{2}$ | 266.696 | 477.766 | -44,2\% | 318.692 | -16,3\% | 585.388 | 961.893 | -39,1\% |
| Adjusted Net Margin | 15,3\% | 31,3\% | -16,0 p.p. | 17,3\% | -2,0 p.p. | 16,4\% | 33,3\% | -16,9 p.p. |
| Operating Cash Generation (OCG) after Capex ${ }^{3}$ | 140.907 | 318.066 | -55,7\% | (229.799) | n.a. | (88.892) | 192.795 | n.a. |
| OCG after Capex ${ }^{1}$ / EBITDA (unadjusted) | 22,6\% | 48,7\% | -26,2 p.p. | -30,6\% | 53,2 p.p. | -6,5\% | 14,6\% | -21,1 p.p. |

${ }^{1}$ EBITDA considers interest and late-payment fees and excludes impacts from inventory surplus value; ${ }^{2}$ Net income adjusted by the amortization of intangible assets and inventory surplus value.
${ }^{3}$ Excludes investments with M\&A and Expansion.

## FINANCIAL HIGHLIGHTS 2Q19

- In the year to date (1H19), the Company delivered $49 \%$ and $45 \%$ of the net revenue and EBITDA expected for 2019, which is fully consistent with the Guidance announced in May.
- Average ticket in Postsecondary Education posted strong recovery in the quarter, with annual increases of $6.7 \%$ in On-Campus and $5.0 \%$ in Distance Learning, leading the semester result to be aligned with inflation.
- Net revenue grew $14.2 \%$ in the quarter and $23.9 \%$ in the year to date, reflecting the acquisition of Somos.
- EBITDA was R\$625 million, with EBITDA Margin of 35.9\% in 2Q19. In 1H19, EBITDA grew $4.2 \%$ on the prioryear period.
- Adjusted net income was R\$266.7 million in 2 Q 19 and $\mathrm{R} \$ 585.4$ million in 1 H 19 , down $44.2 \%$ and $39.1 \%$, respectively, affected primarily by financial expenses related to the Somos acquisition and higher depreciation levels arising from the investments made in recent years.
- Cash generation reversed the negative results of the previous quarter to reach $\mathrm{R} \$ 140.9$ million in 2Q19, for a cash conversion after capex ratio of $22.6 \%$, even though the bulk of the PNLD and FIES receivables expected for the year are concentrated in the second half.
- The new contracts signed for 2020 under the K12 Integrated Platform are above target and substantially above the amount verified in 1 H 18 , reflecting the Company's new commercial strategy.


## MESSAGE FROM MANAGEMENT

Looking back at the last decade, Kroton's history has been marked by strategic decisions that have changed its course. In 2011, we invested in the digitalization of Education and acquired the country's best and largest distance learning platform, Unopar. Time has confirmed the value of that decision. In 2013, based on our vision that the time was precise to consolidate the Postsecondary Education industry, given that scale is important for creating value, we merged with Anhanguera in another strategic move that proved highly value accretive. These were transformational consolidation events that captured important efficiency gains. We improved our operational and financial indicators while delivering robust returns for our shareholders and attaining important advances in our regulatory scores for academic quality in Postsecondary Education. These achievements are all a great source of pride, are imprinted in Kroton's corporate DNA and will continue to be pursued.

In late 2017, we embarked on a profound reflection on Kroton's future, especially the impacts that technology could bring for our current businesses and the opportunities that a digital mindset creates for new business models in Education. From this reflection arose a new momentum in the organization based on two strategic and complementary vectors: the decision
to expand our presence in Primary and Secondary Education and our mobilization on a profound journey in digital transformation.

The decision to expand our footprint in Primary and Secondary Education led to our acquisition of Somos, in 2018, which leverages our two strategies in this segment: providing services directly to students in our operation of Schools (B2C) and creating the most complete Services Platform for K12 Schools in the country (B2B).

In relation to our digital transformation journey, we are undergoing a cultural change without precedent, rethinking the manner in which technology impacts the current businesses and creating new education businesses. When we say that one of the main legacies of the digital transformation was the change in our organizational culture, that was not mere rhetoric, but rather affirmation that implementing agility on a large scale, developing digital competencies and closely engaging with an innovation ecosystem would be (and has been) crucial for oxygenating Kroton as a whole and helping to change the status quo, by imagining and developing services that will ensure our future growth.

These strategies are now driving the onset of a new era for Kroton, and the transformation has been so intense that a new management structure is being implemented, with redesigned vertical structures that will unleash operational autonomy and unlock value through distinct strategic moves and approaches.

In parallel to the delivery of services directly to end consumers (B2C models), a great opportunity is emerging (and being captured) to expand B2B solutions marked by subscription-based, recurring-revenue, scalable and technology-based models. Soon we will be hosting our "Kroton Day" to share with the market our vision for the future and how Kroton is organizing itself to capture all of these opportunities.

With regard to our perspectives for 2019, we reaffirm our guidance for the full year. We are building the future, but without losing sight of our near-term commitments, and we believe that this is the optimal value proposition: delivering on our commitments undertaken for the foreseeable horizon while building the foundations to support a true revolution.

We are certain that we are ushering in a new era for Kroton that will strengthen our existing businesses while creating new avenues of growth, but without ever losing sight of our proposition to transform lives through Education.

## OPERATING PERFORMANCE

## POSTSECONDARY EDUCATION

The following table presents the operating indicators of the various products offered by Kroton in Postsecondary Education. As mentioned last quarter, this is a summarized table of the various indicators the Company already presented previously.

| Description of Operating Indicators |  |  |  | 2Q19 | 2Q18 | Chg \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Units |  | Own |  | 155 | 128 | 21.1\% |
|  |  | Third Party |  | 1,410 | 1,210 | 16.5\% |
| Description of Operating Indicators |  |  |  | 2Q19 | 2Q18 | Chg \% |
| Undergraduate | On-Campus Students | On-Campus Students | Base | 353,434 | 385,684 | -8.4\% |
|  |  |  | Dropouts | 6.8\% | 5.0\% | 1.8 p.p. |
|  |  | FIES | \% On-Campus Base | 18.3\% | 29.4\% | -11.1 p.p. |
|  |  | PEP | \% On-Campus Base | 15.6\% | 15.3\% | 0.3 p.p. |
|  | DL Students | DL Students | Base | 492,528 | 515,981 | -4.5\% |
|  |  |  | Dropouts | 8.3\% | 6.5\% | 1.8 p.p. |
| Continuing Education | Graduate | Graduate Students | New Enrollments (On-Campus + DL) | 9,617 | 6,824 | 40.9\% |
|  |  |  | Base (On-Campus + DL) | 42,408 | 35,223 | 20.4\% |
|  | Unregulated Programs and Courses for Exams | LFG, Unregulated and Preparatory Students | Unregulated Programs \& LFG | 64,836 | 50,996 | 27.1\% |
|  | SETS | SETS | Books Sold | 468,439 | 513,786 | -8.8\% |

Details of the operating indicators for Postsecondary Education follow, starting with the evolution in the student base between 1Q19 and 2Q19:

Evolution in Number of Postsecondary Students


The following table presents the evolution in the number of students by product (Undergraduate and Graduate) and teaching format (On-Campus and Distance Learning).

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At the end of 2Q19, Kroton had 888,370 students enrolled in the Postsecondary Education segment (Undergraduate and Graduate), considering the On-Campus and Distance Learning formats, representing contraction of 5.2\% from the same period last year. This negative variation in the student base reflects the higher number of graduations in the period due to the robust new enrollments in 2013 and 2014, as well as the shift in the profile of the student base, with fewer FIES students (who traditionally have lower dropout rates) and more students enrolled in 100\%-online DL programs (who have a higher propensity to drop out). Furthermore, the persistence of a high unemployment rate and the slow economic recovery also pressured dropout rates. On the other hand, Kroton has been investing significantly in updating the portfolio of programs offered and in its employability channel as a way to mitigate these effects and ensure solid student recruiting results. The operation's resilience also is supported by the strength of the group's brands and by the quality of the education offered, both of which are important competitive advantages. Compared to the prior quarter, the $7.6 \%$ reduction is explained by the natural seasonality of the business. A breakdown by teaching format shows that the On-campus Postsecondary Education segment accounted for $41 \%$ of the student base, while the Distance Learning segment accounted for the other 59\%.

It is worth noting that the admissions and re-enrollment processes for the second semester of 2019 are still ongoing, which include the opening of 3 new campuses compared to the first semester. The processes are scheduled to end in September.

## 1. Undergraduate

### 1.1 On-Campus Undergraduate

## FIES



At the end of 1H19, the Company had 64,531 students enrolled with FIES contracts, down $43.1 \%$ from the same period of 2018, following the trend of recent quarters, with increasingly fewer new students under the financing program and higher graduations of these students. As a result, FIES students accounted for $18.3 \%$ of the On-Campus Undergraduate base, or $7.6 \%$ of the total Undergraduate student base, down 11.1 p.p. and 5.0 p.p., respectively, from a year earlier.

From 2014 to end-2019, the FIES student base will contract by over $75 \%$, which shows that the Company's student base continues to be replaced by students without this type of financing. As of 2020, it is estimated that less than $14 \%$ of the oncampus base or $5.8 \%$ of the total Kroton student base will use FIES.

## Private Special Installment Plan (PEP) and Late Enrollment Installment Plan (PMT)

Considering its installment payment products, Kroton closed the semester with about 55,200 students enrolled in PEP programs, with around 25,200 enrolled in PEP30 and 30,000 in PEP50. For the student-recruiting process for the second semester of 2019, Kroton will continue to draw on the strength of this product to attract new students, projecting exposure in line with that of the product's historical figures, although more balanced between PEP30 and PEP50. Note that Kroton continues to adopt the same conservative policies as in previous quarters for revenue recognition, including for calculating the Adjustment to Present Value (APV) of revenue and for provisioning losses from bad debt, which is accrued at $50 \%$ of the financed portion for all PEP students.

Note also that the dropout curve is naturally higher during the first semesters of academic programs and that the actual dropout rate of PEP students is comparable to that of students without the installment plans within the same semesters. This behavior is true for both PEP30 and PEP50.

Meanwhile, PMT (or temporary PEP) is an alternative to the payment in installments of monthly tuitions related exclusively to periods during which new students were not yet enrolled because they were admitted after the start of classes, but still with sufficient time to complete the minimum classroom hours in the semester. Instead of exempting students from these monthly tuitions, Kroton started to offer this option to new On-campus students as of the second semester of 2016, and to new DL students as of the first semester of 2017. In this way, the Company continues to attract freshmen, enabling their late enrollment without foregoing revenues by granting scholarships or discounts. Note that Kroton adopts the same accounting

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practice as PEP for PMT, whereby revenues are adjusted to present value and provisions for bad debt are accrued for $50 \%$ of the installment amounts. In addition, as with the policy adopted for PEP, the outstanding balance of these tuitions becomes due automatically if the student drops out before graduation.

## On-Campus Dropout Rate

## Evolution in Dropout Rate-On-campus



Dropout rates in the period worsened 1.8 p.p. from the prior year in the On-Campus segment, reversing the trend of recent quarters. The result reflects the greater experience of retention teams acquired within the Student Retention Program that have been able to identify more quickly, that is, before the turn of the semester, students who have already dropped out and who have stopped attending classrooms. In addition, the higher dropout also considers pressures from the macroeconomic scenario marked by still-high unemployment rates and from the shift in the student base profile, with the graduation of FIES students, who, due to the program's original characteristics, are less likely to drop out.

## Average Net Ticket of On-Campus Undergraduate - Student by Product Perspective

The following analysis presents the performance of average tickets from the "student by product perspective for the OnCampus Undergraduate business. This perspective considers the different sources of revenue for each product separately, i.e., the ex-FIES and ex-PEP average ticket is formed by the amounts of students paying $100 \%$ of tuition out of pocket and those contracting PMT plans. Meanwhile, the PEP and FIES average tickets are divided into Out-of-pocket, Installment/Financing and PMT. The analysis of the combination of the Ex-FIES and PEP average tickets is called "On-Campus Undergraduate Out-Of-Pocket (Ex-FIES and Ex-ProUni)." This analysis enables a better understanding of the dynamics of the average ticket across the various types of students and of products offered by the Company.

| ON-CAMPUS UNDERGRADUATE |  | 2Q19 |  |  |  |  | 2Q18 |  |  |  |  | Chg.\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Student | Product | Net Revenue | APV | NREx-APV ${ }^{1}$ | Invoices ${ }^{2}$ | Net Ticket | Net Revenue | APV | NREx-APV ${ }^{1}$ | Invoices ${ }^{2}$ | Net Ticket | $\Delta$ Net Ticket | $\Delta N R$ |
| Ex-FIES e Ex-PEP | Ex-FIES Ex-PEP | 443,448 | $(12,142)$ | 431,306 | 611 | 705.9 | 405,521 | 206 | 405,727 | 591 | 686.5 | 2.8\% | 6.3\% |
|  | Out-of-Pocket | 411,055 | - | 411,055 | - | - | 346,986 | - | 346,986 | - | - | - | - |
|  | PMT | 32,393 | (12,142) | 20,251 | - | - | 58,535 | 206 | 58,741 | - | - | - | - |
| PEP | PEP | 236,065 | 8,998 | 245,063 | 177 | 1,384.5 | 242,652 | 22,516 | 265,168 | 205 | 1,293.5 | 7.0\% | -7.6\% |
|  | Out-of-Pocket | 85,054 | - | 85,054 | - | - | 87,288 | - | 87,288 | - | - | - | - |
|  | Installment | 145,161 | (656) | 144,505 | - | - | 150,893 | 21,732 | 172,625 | - | - | - | - |
|  | PMT | 5,850 | 9,654 | 15,504 | - | - | 4,471 | 784 | 5,255 | - | - | - | - |
| Pagante Graduação Presencial Ex-FIES Ex-Prouni |  | 679,513 | $(3,144)$ | 676,369 | 788 | 858.3 | 648,173 | 22,722 | 670,895 | 795 | 843.9 | 1.7\% | 0.8\% |
| FIES | FIES | 396,090 | $(1,152)$ | 394,938 | 241 | 1,638.7 | 528,293 | $(2,549)$ | 525,744 | 427 | 1,231.3 | 33.1\% | -24.9\% |
|  | Out-of-Pocket | 114,125 | - | 114,125 | - | - | 107,355 | - | 107,355 | - | - | - | - |
|  | Installment | 278,166 | - | 278,166 | - | - | 419,768 | $(1,941)$ | 417,827 | - | - | - | - |
|  | PEP + PMT | 3,799 | $(1,152)$ | 2,647 | - | - | 1,170 | (608) | 562 | - | - | - | - |
| TOTAL On-Campus Undergradraduate ${ }^{3}$ ExProuni |  | 1,075,603 | $(4,296)$ | 1,071,307 | 1,029 | 1,041.1 | 1,176,466 | 20,173 | 1,196,639 | 1,222 | 979.2 | 6.3\% | -10.5\% |
| TOTAL On-Campus Undergradraduate ${ }^{3}$ |  | 1,075,603 | $(4,296)$ | 1,071,307 | 1,150 | 931.6 | 1,176,466 | 20,173 | 1,196,639 | 1,370 | 873.5 | 6.7\% | -10.5\% |

${ }^{1}$ Revenue used to calculate net average ticket; ${ }^{2}$ Amounts / '000; ${ }^{3}$ On-Campus ex-Graduate/Extension/ Languages/Pronatec.
For a better understanding, the calculation of Kroton's average ticket considers the number of invoices effectively recognized in the period (including ProUni students), since, due to retroactive contract amendments, a student could be billed more than once in a certain month. As noted in previous periods, an analysis of the above table shows that the offering of student financing/installment plans plays a vital role in enabling students to pursue careers with more expensive monthly tuitions,

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which is a policy that is adopted by the Brazilian government itself in the offer of FIES financing. Since there is no difference in the amounts of the base tuition among students in the same class, the differences in the average ticket observed among financing/payment products reinforces this point, given the higher share of students enrolled in more expensive programs. Accordingly, FIES is the channel with the highest average ticket in the segment in 2Q19, of $\mathrm{R} \$ 1,638.7$ per student, reflecting the concentration of students nearing graduation in longer-duration and higher-price programs (Healthcare and Engineering). Next comes PEP, with an average ticket of R\$1,384.5, followed by out-of-pocket students, with an average ticket of $\mathrm{R} \$ 705.9$. The net average ticket of On-Campus programs in 2 Q 19 was $\mathrm{R} \$ 931.6$, an increase of $6.7 \%$ from the yearago period, reflecting the higher starting tickets in the enrollment process of the start of the year, as well as the annual adjustment of monthly tuitions and the increased share of programs with higher tickets in the base. Note that this growth was achieved despite the lower share of PMT plans, whose offering was concentrated in March of this year, as mentioned last quarter. In the six-month analysis, which neutralizes any impacts from the different commercial offers launched during the cycle, the average ticket in the On-campus segment was R\$915.3, up 2.7\% from the same period last year and in line with inflation, which corroborates the Company's commercial strategy, despite the pressures observed in the period. Moreover, the average ticket in the six-month period demonstrates the temporary effect of the reduction in classroom hours/student and the discounts offered in renegotiations that impacted the previous quarter.

As mentioned previously and to exclude seasonality from the quarterly comparison, such as the effects from PMT, the Tuition Adjustment Process (PAM) and the different contracting curves of ProUni and FIES students, the following table presents an analysis of On-campus average ticket by product in the semester:

| ON-CAMPUS UNDERGRADUATE |  | 1H19 |  |  |  |  | $1 \mathrm{H18}$ |  |  |  |  | Chg.\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Student | Product | Net Revenue | APV | NREx-APV ${ }^{1}$ | Invoices ${ }^{2}$ | Net Ticket | Net Revenue | APV | NREx-APV ${ }^{1}$ | Invoices ${ }^{2}$ | Net Ticket | $\Delta$ Net Ticket | $\Delta N R$ |
| Ex-FIES e Ex-PEP | Ex-FIES Ex-PEP | 885,621 | 932 | 886,553 | 1,202 | 737.6 | 796,556 | (9,420) | 787,136 | 1,064 | 739.8 | -0.3\% | 12.6\% |
|  | Out-of-Pocket | 713,598 | - | 713,598 | - | - | 684,935 | - | 684,935 | - | - | - | - |
|  | PMT | 172,023 | 932.00 | 172,955.00 | - | - | 111,621 | $(9,420)$ | 102,201 | - | - | - | - |
| PEP | PEP | 453,495 | 5,343 | 458,838 | 338 | 1,357.5 | 439,941 | 32,437 | 472,378 | 368 | 1,283.6 | 5.8\% | -2.9\% |
|  | Out-of-Pocket | 167,751 | - | 167,751 | - | - | 142,386 | - | 142,386 | - | - | - | - |
|  | Installment | 277,108 | $(1,973)$ | 275,135 | - | - | 276,611 | 29,606 | 306,217 |  | - |  | - |
|  | PMT | 8,636 | 7,316 | 15,952 | - | - | 20,944 | 2,831 | 23,775 | - | - | - | - |
| Pagante Graduação Presencial Ex-FIES Ex-Prouni |  | 1,339,116 | 6,275 | 1,345,391 | 1,540 | 873.6 | 1,236,497 | 23,017 | 1,259,514 | 1,431 | 880.2 | -0.7\% | 6.8\% |
| FIES | FIES | 698,653 | $(1,193)$ | 697,460 | 448 | 1,556.8 | 971,599 | $(5,186)$ | 966,413 | 783 | 1,234.2 | 26.1\% | -27.8\% |
|  | Out-of-Pocket | 151,056 | - | 151,056 | - | - | 160,459 | - | 160,459 | - | - | - | - |
|  | Installment | 546,103 | - | 546,103 | - | - | 809,543 | $(3,882)$ | 805,661 | - | - | - | - |
|  | PEP + PMT | 1,494 | $(1,193)$ | 301.00 | - | - | 1,597 | $(1,304)$ | 293.00 | - | - | - | - |
| TOTAL On-Campus Undergradraduate ${ }^{3}$ ExProuni |  | 2,037,769 | 5,082 | 2,042,851 | 1,988 | 1,027.6 | 2,208,096 | 17,831 | 2,225,927 | 2,215 | 1,004.9 | 2.3\% | -8.2\% |
| TOTAL On-Campus Undergradraduate ${ }^{3}$ |  | 2,037,769 | 5,082 | 2,042,851 | 2,232 | 915.3 | 2,208,096 | 17,831 | 2,225,927 | 2,497 | 891.4 | 2.7\% | -8.2\% |

${ }^{1}$ Revenue used to calculate net average ticket; ${ }^{2}$ Amounts / '000; ${ }^{3}$ On-Campus ex-Graduate/Extension/Languages/Pronatec.

### 1.2 Distance Learning Undergraduate

## DL Dropout Rate



In the DL segment, the dropout rate reached $8.3 \%$ in 2Q19, increasing 1.8 p.p. from the year-ago period, but in line with the trend observed in recent quarters. The performance reflects the growth in the base of $100 \%$-online students, who are more prone to drop out given their lower engagement, as well as the still challenging competitive environment and the effects
from the still high unemployment rate. These effects were partially offset by the roll-out to this segment of initiatives under the Retention Program.

## Average Net Ticket - Student by Product Perspective

For comparison purposes, Kroton reports only the effective ticket paid by the student, without discounting the transfers to the partners of the centers. To enable a better understanding, when calculating the average ticket, Kroton uses the number of invoices effectively recognized as revenue in the period, including ProUni sales. Therefore, considering 100\% of the revenue from DL Undergraduate, the average ticket in 2 Q19 was $\mathrm{R} \$ 283.7$, up $5.0 \%$ from the same period last year, reflecting the annual adjustment of monthly tuitions and the larger base of Premium DL students, a segment that has strategic relevance not only for its competitive advantage, but also for having much higher monthly tuitions compared to the once a week model. These factors offset the higher number of students enrolled in $100 \%$-online programs (which have lower average tickets), and the increased competition in the segment, which reinforces the Company's capacity to transfer costs to prices, despite a very adverse competitive scenario.

| DISTANCE LEARNING UNDERGRADUATE | 2Q19 |  |  |  |  | 2Q18 |  |  |  |  | Chg.\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Student Product | Net Revenue | APV | NREx-APV ${ }^{1}$ | Invoices ${ }^{2}$ | Net Ticket | Net Revenue | APV | NREx-APV ${ }^{1}$ | Invoices ${ }^{2}$ | Net Ticket | $\Delta$ Net Ticket | $\Delta N R$ |
| TOTAL DL UNDERGRAD. OUT-OF-POCKET ${ }^{4}$ Ex-Prouni | 392,327 | (18) | 392,309 | 1,275 | 307.7 | 428,946 | (229) | 428,717 | 1,457 | 294.2 | 4.6\% | -8.5\% |
| TOTAL DISTANCE LEARNING UNDERGRAD ${ }^{4}$ | 392,327 | (18) | 392,309 | 1,383 | 283.7 | 428,946 | (229) | 428,717 | 1,587 | 270.2 | 5.0\% | -8.5\% |

${ }^{1}$ Revenue ex-Transfers; ${ }^{2}$ Revenue used to calculate average ticket; ${ }^{3}$ Amounts/ $0000 ;{ }^{4}$ Undergraduate only (ex-graduate and other programs).

In the six-month period, the average ticket in DL Undergraduate programs was $R \$ 275.2$, up $2.4 \%$ from the same period in 2018, in line with inflation, which corroborates the adequate commercial approach in the segment, especially after the expansion of offerings in the last two years.

| DISTANCE LEARNING UNDERGRADUATE | 1H19 |  |  |  |  | 1H18 |  |  |  |  | Chg.\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Student Product | Net Revenue | APV | NREx-APV ${ }^{1}$ | Invoices ${ }^{2}$ | Net Ticket | Net Revenue | APV | NREx-APV ${ }^{1}$ | Invoices ${ }^{2}$ | Net Ticket | $\Delta$ Net Ticket | $\Delta$ NR |
| TOTAL DL UNDERGRAD. OUT-OF-POCKET ${ }^{4}$ Ex-Prouni | 782,922 | (795) | 782,127 | 2,634 | 296.9 | 808,882 | $(1,163)$ | 807,719 | 2,767 | 291.9 | 1.7\% | -3.2\% |
| TOTAL DISTANCE LEARNING UNDERGRAD ${ }^{4}$ | 782,922 | (795) | 782,127 | 2,842 | 275.2 | 808,882 | $(1,163)$ | 807,719 | 3,005 | 268.8 | 2.4\% | -3.2\% |

${ }^{1}$ Revenue ex-Transfers; ${ }^{2}$ Revenue used to calculate average ticket; ${ }^{3}$ Amounts/ ${ }^{\prime} 000 ;{ }^{4}$ Undergraduate only (ex-graduate and other programs).

## 2. Continuing Education

### 2.1 Graduate

Considering only Graduate programs, the student base expanded significantly by $20.4 \%$ on the year-ago period, supported by the recent student recruiting processes, mainly in the Distance Learning segment. The annual growth of above $20 \%$ is already happening, in a sustainable manner, for the second year in a row, and reflects the restructuring of the segment in recent years, through a new platform, a more robust offering and focused on our own and partner units. This performance more than offset the significant number of graduations, of approximately 11,000 students. Bear in mind that the LFG brand also offers Graduate programs, whose students are included in the total student number in the segment. Therefore, Kroton ended the quarter with around 42,400 students enrolled in Graduate programs, of whom 34,400 students were in Distance Learning programs and 8,000 were in On-Campus programs.

### 2.2 Preparatory Courses (LFG), Unregulated Programs, Language Courses and SETS

Through the LFG brand, the Company offers preparatory courses for the examination of the Brazilian Bar Association (OAB) and for examinations for civil servant positions. Positioned as a reference in preparatory courses, LFG registered an average student base of 27,569 in 2Q19 (note that these students were not included in the number of Postsecondary Education students reported above), representing a decrease of 3.4\% from the same period of 2018.

Kroton also offers short-duration open enrollment programs that allow students to increase their knowledge in various fields, such as Management, Education, Mathematics and Languages. In 2Q19, there were 37,267 students enrolled in these programs (who also are not considered in the total number of Postsecondary Education students), for a strong increase of 65.9\% from the previous year.

The business segment of Educational Solutions for Vocational and Postsecondary Education (SETS) was consolidated after the acquisition of Somos under the Continuing Education Vice-Presidency. SETS is responsible for the sale of books with the Saraiva brand to Postsecondary Education, learning systems for vocational programs under the brand Érica, and preparatory courses for civil servant exams. The main products offered include the sale of Scientific, Technical and Professional (CTP) books, especially in the fields of Law, Business Administration, Economics and Accounting, Technical and Non-Fiction. In 2Q19, a total of 468,439 books were sold, representing a decrease of $8.8 \%$ from the same period last year, due to the concentration of sales in the previous quarter and to the adverse scenario for book retailers in the period.

## PRIMARY \& SECONDARY EDUCATION (K12)

## Structuring of K12 Education segment

Following the consolidation of Somos, Kroton now has the most complete technology platform with solutions for products and services for Primary \& Secondary Education in Brazil, including own schools, physical and digital teaching content, assessments, teacher training, extracurricular educational content (after school), educational technology and other services.

Kroton's Primary and Secondary Education segment is now structured into two main Business Units:

1. K12 Integrated Services Platform \& PNLD/Official Contracts: includes all products and services offered to partner schools, such as physical and digital content, teaching support, assessment, teacher training, extracurricular educational content (after school), educational technology and other services. The segment also includes services related to the National Textbook Program (PNLD) and other contracts with official government agencies. The PNLD/Official Contracts business uses the same Publishing, support and marketing areas, etc. as the K12 integrated platform. Therefore, to better reflect the business as a whole (without the need for allocations), both segments were combined, but their revenues are presented separately to enable a segregated analysis of their individual growth.
2. School Management: includes the performance of own K12 schools, as well management contracts for third-party schools (in which large companies/organizations hire us to manage their school units), in addition to all Red Balloon operations (own schools, franchises and in-school units). The Red Balloon operation is consolidated under the School Management Unit, since most of its students study at autonomous units.

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The services that were offered at Somos by SETS (related to Vocational and Postsecondary Education, and Preparatory courses for civil servant exams) now comprise the results of the Postsecondary Education segment, in the Continuing Education Business Unit.

The table below presents a summary of the key operating indicators of the K12 Education segment:

| Description of Operating Indicators |  |  | 2Q19 | 2Q18 | Chg \% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| K-12 Plafform | Core Content | Private Schools w/ Contracts | 3,538 | 3,180 | 11.3\% |
|  |  | Students enrolled in Private Schools w/ Contracts ('000) | 1,258.2 | 1,099.7 | 14.4\% |
|  | Other solutions in Extracurricular Education (After School) | Number of Schools w/ Contracts in Extracurricular Education (After School) | 423 | 384 | 10.2\% |
|  |  | Students enrolled in Extracurricular Education (After School) ('000) | 124.9 | 119.8 | 4.2\% |
| School Management | Management Own Schools/ K-12 Contracts | Own Schools/K-12 Contracts | 54 | 41 | 31.7\% |
|  |  | Students enrolled in Own Schools/ K-12 Contracts ('000) | 35.8 | 29.1 | 22.8\% |
|  | Red Balloon | Red Balloon Own Schools/Franchises | 125 | 132 | -5.3\% |
|  |  | Students enrolled in Red Balloon Own Schools/Franchises | 25.6 | 27.4 | -6.6\% |

Note: the decline in the number of students enrolled at Red Balloon is mainly due to the end of a specific agreement with Grupo Marista Centro-Sul.
Additionally, note that the Company is currently fully engaged in commercial activities for 2020, with a renewed and expanded sales team focused on delivering even stronger results for the next school year. Recently, Kroton launched a new commercial strategy with a highly effective and unique approach. The sales team, which previously interfaced with the school offering isolated products and services, has been repositioned to give it an integrated perspective that connects all products and services of the Company.

Given the integration and comprehensiveness of its portfolio, the Company adopts a neutral position with regard to the educational choices of schools, offering them their methodology of choice: Learning Systems, Textbooks or a mix of both, depending on the educational segment. The approach gives a unique market positioning, with the ability to serve all Brazilian schools, as opposed to its competitors that operate exclusive through Learning Systems or Textbooks. Thus, the addressable market includes 6.2 million students, up $63 \%$ from the 3.8 million students enrolled in schools using the Learning System.

The initial results of this strategy have been very positive and much higher than the same period last year, even exceeding the partial targets. However, there is still much to be done, since contracts for next year are generally closed in the second half of the year. Note also that Somos's commercial team, composed of Commercial Advisors, Educational Advisors, Product Specialists and Marketing and Events teams, is by far the largest commercial team in Brazil. Somos also has the largest Market Intelligence team in the industry, conducting, among other activities, the annual census in over 20,000 private schools to map the products and services schools intend to use. The current campaign also inaugurated the Somos' Inside Sales area, responsible for planning and executing digital marketing strategies, with very promising partial results.

For the 2020 PNLD, Somos approved 20 of the 22 book collections submitted, for an approval rate much higher than its historical figures and the industry average, remembering that the technical appeals filed for the two collections that were not approved could still be accepted. The disclosure and negotiation of PNLD usually takes place in the third quarter.

Lastly, regarding own schools, in 2Q19 the Company made progress on integrating all units to capture efficiency gains and worked intensely on the commercial strategy for next year, whose implementation process starts in 3Q19. The Company expects very positive results in enrollments and re-enrollments for 2020 arising from the combination of this new strategy and the improvements in the sales force and their incentives made during the 1 H 19 .

FINANCIAL PERFORMANCE

## 2Q19 RESULTS

| Values in R \$ ('000) | Postsecondary |  | Primary and Secondary Education |  | Kroton Consolidated |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2Q19 | \% Net Rev. | 2Q19 | \% Net Rev. | 2Q19 | \% Net Rev. |
| Gross Revenue | 1,752,623 | 127.1\% | 456,857 | 125.7\% | 2,209,480 | 126.8\% |
| Gross Revenue Deductions | $(373,701)$ | -27.1\% | $(93,422)$ | -25.7\% | $(467,123)$ | -26.8\% |
| Tax | $(43,215)$ | -3.1\% | $(18,619)$ | -5.1\% | $(61,833)$ | -3.5\% |
| ProUni | $(255,165)$ | -18.5\% | - | 0.0\% | $(255,165)$ | -14.6\% |
| Returns | $(3,323)$ | -0.2\% | $(42,429)$ | -11.7\% | $(45,752)$ | -2.6\% |
| Total Discounts | $(71,998)$ | -5.2\% | $(32,375)$ | -8.9\% | $(104,373)$ | -6.0\% |
| Net Revenue | 1,378,923 | 100.0\% | 363,434 | 100.0\% | 1,742,357 | 100.0\% |
| Costs (COGS) | $(288,041)$ | -20.9\% | $(177,401)$ | -48.8\% | $(465,442)$ | -26.7\% |
| Cost of Goods | $(10,982)$ | -0.8\% | $(75,244)$ | -20.7\% | $(86,226)$ | -4.9\% |
| Cost of Services | $(277,060)$ | -20.1\% | $(102,156)$ | -28.1\% | $(379,216)$ | -21.8\% |
| Faculty, Other Personnel and Third-Party Services | $(245,068)$ | -17.8\% | $(89,733)$ | -24.7\% | $(334,801)$ | -19.2\% |
| Rent | $(4,157)$ | -0.3\% | (0) | 0.0\% | $(4,157)$ | -0.2\% |
| Materials | $(5,598)$ | -0.4\% | (331) | -0.1\% | $(5,928)$ | -0.3\% |
| Maintenance | $(3,595)$ | -0.3\% | $(8,822)$ | -2.4\% | $(12,417)$ | -0.7\% |
| Other | $(18,642)$ | -1.4\% | $(3,271)$ | -0.9\% | $(21,913)$ | -1.3\% |
| Gross Income | 1,090,882 | 79.1\% | 186,034 | 51.2\% | 1,276,915 | 73.3\% |
| Operating Expenses | $(177,364)$ | -12.9\% | $(40,913)$ | -11.3\% | $(218,278)$ | -12.5\% |
| Personnel, General and Administrative Expenses | $(177,364)$ | -12.9\% | $(40,913)$ | -11.3\% | $(218,278)$ | -12.5\% |
| Personnel Expenses | $(92,747)$ | -6.7\% | $(31,877)$ | -8.8\% | $(124,623)$ | -7.2\% |
| General and Administrative Expenses | $(84,618)$ | -6.1\% | $(9,037)$ | -2.5\% | $(93,655)$ | -5.4\% |
| Provision for Doubtful Accounts - PDA | $(181,292)$ | -13.1\% | $(5,590)$ | -1.5\% | $(186,882)$ | -10.7\% |
| (+) Interest and Penalties on Tuition | 27,793 | 2.0\% | 472 | 0.1\% | 28,265 | 1.6\% |
| (+) Equity | $(1,054)$ | -0.1\% | - | 0.0\% | $(1,054)$ | -0.1\% |
| Sales and Marketing Expenses | $(103,844)$ | -7.5\% | $(36,164)$ | -10.0\% | $(140,008)$ | -8.0\% |
| Operating Result | 655,121 | 47.5\% | 103,838 | 28.6\% | 758,958 | 43.6\% |
| Corporate Expenses |  |  |  |  | $(65,107)$ | -3.7\% |
| Recurring EBITDA |  |  |  |  | 693,852 | 39.8\% |
| (-) Nonrecurring Items |  |  |  |  | $(69,085)$ | -4.0\% |
| EBITDA |  |  |  |  | 624,767 | 35.9\% |
| Depreciation and Amortization |  |  |  |  | $(345,835)$ | -19.8\% |
| Financial Result |  |  |  |  | $(219,500)$ | -12.6\% |
| Income and Social Contribution Tax |  |  |  |  | 80,897 | 4.6\% |
| Minority Interest |  |  |  |  | (748) | 0.0\% |
| Net Profit |  |  |  |  | 139,581 | 8.0\% |
| (-) Nonrecurring Items |  |  |  |  | 125,790 | 7.2\% |
| (+) Intangible Amortization (Acquisitions) |  |  |  |  | 1,324 | 0.1\% |
| Adjusted Net Profit |  |  |  |  | 266,696 | 15.3\% |

1 H19 RESULTS

| Values in R\$ ('000) | Postsecondary |  | Primary and Secondary Education |  | Kroton Consolidated |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1H19 | \% Net Rev. | 1H19 | \% Net Rev. | 1H19 | \% Net Rev. |
| Gross Revenue | 3,437,217 | 128.2\% | 1,070,471 | 119.3\% | 4,507,687 | 125.9\% |
| Gross Revenue Deductions | $(755,046)$ | -28.2\% | $(173,185)$ | -19.3\% | $(928,230)$ | -25.9\% |
| Tax | $(80,735)$ | -3.0\% | $(35,505)$ | -4.0\% | $(116,240)$ | -3.2\% |
| ProUni | $(508,702)$ | -19.0\% | - | 0.0\% | $(508,702)$ | -14.2\% |
| Returns | $(5,279)$ | -0.2\% | $(58,883)$ | -6.6\% | $(64,162)$ | -1.8\% |
| Total Discounts | $(160,330)$ | -6.0\% | $(78,796)$ | -8.8\% | $(239,126)$ | -6.7\% |
| Net Revenue | 2,682,171 | 100.0\% | 897,286 | 100.0\% | 3,579,457 | 100.0\% |
| Costs (COGS) | $(515,941)$ | -19.2\% | $(379,704)$ | -42.3\% | $(895,645)$ | -25.0\% |
| Cost of Goods | $(29,005)$ | -1.1\% | $(177,260)$ | -19.8\% | $(206,265)$ | -5.8\% |
| Cost of Services | $(486,936)$ | -18.2\% | $(202,444)$ | -22.6\% | $(689,380)$ | -19.3\% |
| Faculty, Other Personnel and Third-Party Services | $(440,403)$ | -16.4\% | $(175,251)$ | -19.5\% | $(615,654)$ | -17.2\% |
| Rent | $(4,997)$ | -0.2\% | $(2,007)$ | -0.2\% | $(7,004)$ | -0.2\% |
| Materials | $(10,385)$ | -0.4\% | $(2,847)$ | -0.3\% | $(13,232)$ | -0.4\% |
| Maintenance | $(6,370)$ | -0.2\% | $(17,942)$ | -2.0\% | (24,311) | -0.7\% |
| Other | $(24,782)$ | -0.9\% | $(4,397)$ | -0.5\% | $(29,179)$ | -0.8\% |
| Gross Income | 2,166,230 | 80.8\% | 517,582 | 57.7\% | 2,683,812 | 75.0\% |
| Operating Expenses | $(342,599)$ | -12.8\% | $(91,081)$ | -10.2\% | $(433,681)$ | -12.1\% |
| Personnel, General and Administrative Expenses | $(342,599)$ | -12.8\% | $(91,081)$ | -10.2\% | $(433,681)$ | -12.1\% |
| Personnel Expenses | $(180,151)$ | -6.7\% | $(73,578)$ | -8.2\% | $(253,729)$ | -7.1\% |
| General and Administrative Expenses | $(162,448)$ | -6.1\% | $(17,504)$ | -2.0\% | $(179,952)$ | -5.0\% |
| Provision for Doubtful Accounts - PDA | $(389,048)$ | -14.5\% | $(8,707)$ | -1.0\% | $(397,755)$ | -11.1\% |
| (+) Interest and Penalties on Tuition | 93,415 | 3.5\% | 1,000 | 0.1\% | 94,416 | 2.6\% |
| (+) Equity | (477) | 0.0\% | - | 0.0\% | (477) | 0.0\% |
| Sales and Marketing Expenses | $(231,777)$ | -8.6\% | $(77,215)$ | -8.6\% | $(308,992)$ | -8.6\% |
| Operating Result | 1,295,745 | 48.3\% | 341,578 | 38.1\% | 1,637,323 | 45.7\% |
| Corporate Expenses |  |  |  |  | $(136,952)$ | -3.8\% |
| Recurring EBITDA |  |  |  |  | 1,500,371 | 41.9\% |
| (-) Nonrecurring Items |  |  |  |  | (124,786) | -3.5\% |
| EBITDA |  |  |  |  | 1,375,585 | 38.4\% |
| Depreciation and Amortization |  |  |  |  | $(637,153)$ | -17.8\% |
| Financial Result |  |  |  |  | $(422,493)$ | -11.8\% |
| Income and Social Contribution Tax |  |  |  |  | 74,561 | 2.1\% |
| Minority Interest |  |  |  |  | (519) | 0.0\% |
| Net Profit |  |  |  |  | 389,981 | 10.9\% |
| (-) Nonrecurring Items |  |  |  |  | 190,610 | 5.3\% |
| (+) Intangible Amortization (Acquisitions) |  |  |  |  | 4,797 | 0.1\% |
| Adjusted Net Profit |  |  |  |  | 585,388 | 16.4\% |

FINANCIAL PERFORMANCE - POSTSECONDARY EDUCATION

| Postsecondary Education - Values in R \$ ( $\mathbf{0} 000$ ) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Revenue | 1,752,623 | 1,897,689 | -7.6\% | 1,684,593 | 4.0\% | 3,437,217 | 3,589,412 | -4.2\% |
| Gross Revenue Deductions | (373,701) | $(421,207)$ | -11.3\% | $(381,345)$ | -2.0\% | $(755,046)$ | $(785,614)$ | -3.9\% |
| Tax | (43,215) | $(47,236)$ | -8.5\% | $(37,520)$ | 15.2\% | $(80,735)$ | (94,721) | -14.8\% |
| Prouni | $(255,165)$ | $(277,692)$ | -8.1\% | (253,537) | 0.6\% | $(508,702)$ | $(517,795)$ | -1.8\% |
| Returns | $(3,323)$ |  | n.a. | $(1,956)$ | 69.9\% | $(5,279)$ |  | n.a. |
| Total Discounts | $(71,998)$ | $(96,279)$ | -25.2\% | $(88,332)$ | -18.5\% | $(160,330)$ | $(173,098)$ | -7.4\% |
| FGEDUC | $(18,299)$ | $(29,873)$ | -38.7\% | (14,313) | 27.8\% | $(32,612)$ | (53,921) | -39.5\% |
| FIES - Administratuve Fee | $(6,448)$ | $(11,399)$ | -43.4\% | $(5,279)$ | 22.1\% | (11,728) | $(20,351)$ | -42.4\% |
| Other | (47, 251) | $(55,007)$ | -14.1\% | (68,739) | -31.3\% | (115,990) | (98,827) | 17.4\% |
| Net Revenue | 1,378,923 | 1,476,482 | -6.6\% | 1,303,248 | 5.8\% | 2,682,171 | 2,803,798 | -4.3\% |
| Total of Costs | $(288,041)$ | $(286,450)$ | 0.6\% | $(227,900)$ | 26.4\% | $(515,941)$ | $(495,318)$ | 4.2\% |
| Cost of Goods | $(10,982)$ |  | n.a. | $(18,023)$ | -39.1\% | $(29,005)$ |  | n.a. |
| Cost of Services | $(277,060)$ | $(286,450)$ | -3.3\% | $(209,876)$ | 32.0\% | $(486,936)$ | $(495,318)$ | -1.7\% |
| Faculty, Other Personnel and Third-Party Services | $(245,068)$ | $(262,102)$ | -6.5\% | $(195,335)$ | 25.5\% | $(440,403)$ | $(464,160)$ | -5.1\% |
| Rent | $(4,157)$ | $(5,078)$ | -18.1\% | (840) | 395.1\% | $(4,997)$ | $(5,078)$ | -1.6\% |
| Materials | $(5,598)$ | $(5,619)$ | -0.4\% | $(4,787)$ | 16.9\% | $(10,385)$ | $(10,080)$ | 3.0\% |
| Maintenance | $(3,595)$ | $(2,423)$ | 48.4\% | $(2,774)$ | 29.6\% | $(6,370)$ | $(5,720)$ | 11.4\% |
| Other | $(18,642)$ | $(11,227)$ | 66.0\% | $(6,140)$ | 203.6\% | $(24,782)$ | $(10,280)$ | 141.1\% |
| Gross Income | 1,090,882 | 1,190,032 | -8.3\% | 1,075,349 | 1.4\% | 2,166,230 | 2,308,480 | -6.2\% |
| Gross Margin | 79.1\% | 80.6\% | -1.5 p.p. | 82.5\% | -3.4 p.p. | 80.8\% | 82.3\% | -1.6 p.p. |
| Total Operating Expenses | $(177,364)$ | $(169,427)$ | 4.7\% | $(165,235)$ | 7.3\% | $(342,599)$ | $(311,167)$ | 10.1\% |
| Personnel Expenses | (92,747) | $(92,192)$ | 0.6\% | $(87,405)$ | 6.1\% | $(180,151)$ | $(168,424)$ | 7.0\% |
| General and Administrative Expenses | (84,618) | $(77,236)$ | 9.6\% | $(77,830)$ | 8.7\% | $(162,448)$ | (142,743) | 13.8\% |
| Provision for Doubfful Account - PDA | $(181,292)$ | $(182,408)$ | -0.6\% | $(207,756)$ | -12.7\% | $(389,048)$ | $(342,950)$ | 13.4\% |
| (+) Interest and Penalties on Tuition | 27,793 | 42,766 | -35.0\% | 65,622 | -57.6\% | 93,415 | 83,808 | 11.5\% |
| (+) Equity | $(1,054)$ |  | n.a. | 577 | -282.6\% | (477) |  | n.a |
| Selling and Marketing Expenses | $(103,844)$ | $(104,892)$ | -1.0\% | $(127,933)$ | -18.8\% | $(231,777)$ | $(215,356)$ | 7.6\% |
| Operating Result | 655,121 | 776,070 | -15.6\% | 640,624 | 2.3\% | 1,295,745 | 1,522,814 | -14.9\% |
| Operating Margin | 47.5\% | 52.6\% | -5.1 p.p. | 49.2\% | -1.6 p.p. | 48.3\% | 54.3\% | -6.0 p.p. |

## Net Revenue

In 2Q19, the 6.6\% decline in the net revenue of Kroton's Postsecondary Education segment compared to 2 Q18 is due to the contraction in the student base, which is explained by the higher number of graduations of students enrolled in the strong recruiting processes of 2013 and 2014 and by the higher dropout rate in the period. Net revenue growth also was adversely affected by the shift in the student base profile, the lower use of PEP plans in the last recruiting cycle and the lower share of students with PMT plans this quarter. These factors offset the robust ticket increase in the period and the performance of Continuing Education, which was supported by the consolidation of SETS in the results. Compared to the previous quarter, the net revenue growth of $5.8 \%$ is essentially explained by seasonality, which generates positive impacts in even-numbered quarters with the recognition of late enrollments in a single quarter, by the lower discounts granted during the enrollment process and by the one-off effects related to classroom hours and negotiations with students in the previous quarter, which were offset this quarter. In the six-month period, net revenue from Postsecondary Education decreased 4.3\% compared to the same period of 2018, reflecting the pressures on the Company's student base and the persistence of high unemployment rates.

## Gross Income

Gross income from Postsecondary Education was R\$1,090.9 million in 2Q19, decreasing 8.3\% from the same period last year. The combination of the lower revenue observed in the period due to the behavior of the student base and the expenses with sales of books to the Postsecondary Education of SETS led to gross margin contraction of 1.5 p.p. in the segment. However, total cost of services decreased, confirming the efficiency of the business, especially the economies of scale generated by the consolidated operation and by the lower expenses with payroll, which allowed for diluting expenses despite the robust expansion of units. Compared to the prior quarter, the 3.4 p.p. gross margin contraction is due to seasonal increases in costs with faculty and third-party services, which more than offset the higher revenue in the period. In the six-

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month period, gross margin contracted by 1.6 p.p. to $80.8 \%$, reflecting the addition of an operation that has a larger structure of distribution costs, such as SETS, and the pressures on revenue in the period.

Provision for Doubtful Accounts (PDA)

| On-Campus Education - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Provision for Doubtful Account - PDA | $(181,292)$ | $(182,408)$ | -0.6\% | (207,756) | -12.7\% |
| PDA / Postsecondary Net Revenues' | -13.1\% | -12.4\% | -0.8 p.p. | -15.9\% | 2.8 p.p |
| PDA Out-of-pocket | $(83,204)$ | $(69,710)$ | 19.4\% | $(68,971)$ | 20.6\% |
| PDA Out-of-pocket / Postsecondary Net Revenues Out-of-pocket' | -9.1\% | -8.3\% | -0.8 p.p. | -9.0\% | -0.1 p.p. |
| PDA FIES - Financed Part | $(2,503)$ | $(3,778)$ | -33.7\% | $(2,411)$ | 3.8\% |
| PDA FIES / Postsecondary Net Revenues FIES' | -0.9\% | -0.9\% | 0.0 p.p | -0.9\% | 0.0 p.p |
| PDA PEP - Installment Part | $(72,580)$ | $(75,446)$ | -3.8\% | $(65,974)$ | 10.0\% |
| PDA PEP / Postsecondary Net Revenues PEP' | -50.0\% | -50.0\% | -0.0 p.p. | -50.0\% | -0.0 p.p. |
| PDA PMT - Installment Part | $(23,004)$ | $(33,474)$ | -31.3\% | $(70,400)$ | -67.3\% |
| PDA PMT / Postsecondary Net Revenues PMT' | -50.0\% | -50.0\% | -0.0 p.p. | -50.0\% | -0.0 p.p. |

${ }^{1}$ Net Revenue for the On-Campus excludes revenues from Pronatec

Total PDA as a ratio of net revenue in Postsecondary Education increased 0.8 p.p. from the same period last year, to $13.1 \%$. The lower volume of PMT in the period was offset by an increase in out-of-pocket PDA to better reflect the shift in the student mix, with the graduation of FIES students (who require lower levels of provisioning) and the growing share of 100\%online students in the DL base (who have higher dropout rates). Furthermore, out-of-pocket PDA also has been adversely affected by the continued adverse economic environment, with growing dropout rates and a higher number of delinquent students, which led the Company to increase provisioning to protect against any future losses. Compared to the previous quarter, PDA decreased 2.8 p.p. due to the concentration of enrollments with PMT plans in the previous quarter.

Accounts Receivable

| Postseconday Education | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Values in R\$ ('000) net of APV and PDA |  |  |  |  |  |
| Net Accounts Receivable | 2,794,312 | 2,466,107 | 13.3\% | 2,518,884 | 10.9\% |
| Out-of-Pocket | 1,130,795 | 768,191 | 47.2\% | 955,782 | 18.3\% |
| Tuition + FIES + PEP | 1,126,278 | 763,155 | 47.6\% | 951,060 | 18.4\% |
| Agreements to Receive | 4,517 | 4,294 | 5.2\% | 4,722 | -4.4\% |
| Pronatec | - | 742 | n.a | - | n.a |
| Installments | 1,344,830 | 872,765 | 54.1\% | 1,147,280 | 17.2\% |
| PEP | 987,853 | 670,128 | 47.4\% | 873,520 | 13.1\% |
| PMT | 356,976 | 202,637 | 76.2\% | 273,759 | 30.4\% |
| FIES | 318,687 | 825,150 | -61.4\% | 415,822 | -23.4\% |
| PN23 | - | 390,981 | n.a | - | n.a |
| Other FIES - Short Term | 318,687 | 434,169 | -26.6\% | 415,822 | -23.4\% |

Total Accounts Receivables net of PDA from Postsecondary Education increased 10.9\% in 2Q19 vs. 1Q19, in line with the performance of previous quarters. This performance reflects the following factors: (i) higher exposure of the Company's installment products, such as PEP and PMT, which are mostly repaid only after graduation; (ii) higher revenue from out-ofpocket students due to the change in the student mix with the graduation of FIES students; and (iii) the still-high volume of overdue tuitions due to the current economic scenario, which creates a higher share of defaulting students and a larger volume of negotiations with students. The combination of these effects more than offset the decline in FIES accounts receivables.

Average Accounts Receivable Term

| Postsecondary - Average Accounts Receivable Term (days) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Accounts Receivable Total Net Revenue Higher Education | 192 | 165 | 27 Days | 169 | 23 Days |
| Net Accounts Receivable (Paying) Net Revenue (Paying) | 129 | 97 | 32 Days | 110 | 19 Days |
| Net Accounts Receivable (PEP/PMT) Net Revenue (PEP/PMT) | 591 | 425 | 166 Days | 489 | 102 Days |
| Net Accounts Receivable (FIES) Net Revenue (FIES) | 91 | 166 | -75 Days | 107 | -16 Days |

Calculation base: net balance of short-term and long-term Accounts Receivable in the Postsecondary business related to monthly tuitions, agreements and other academic services, divided by net operating revenue in the Postsecondary business in the last 12 months, multiplied by 360 days.

The average term in 2Q19 increased 23 days from the prior quarter, the same level registered in 1 Q19 compared to 4Q18, which demonstrated the higher share of PEP and PMT accounts receivable, the higher volume of overdue tuitions and negotiations, and the seasonal effect from the late enrollment of FIES students. Compared to the year-ago period, the increase of 27 days in the average term reflects the maturation of the installment plan in the base, the higher volume of negotiations at the turn of the last few semesters and a higher volume of debt renegotiations and of agreements with inactive students. These factors offset the contraction in the base of FIES students over the period. For 2H19, the Company expects a reversal in the trend of the out-of-pocket average term, given the surpassing of the mark of 360 days by the classes enrolled and re-enrolled in 1H18, which had a poorer payment profile.

## Operating Result

In 2Q19, the operating result in Postsecondary Education (after marketing expenses) was R $\$ 655.1$ million, with operating margin of $47.5 \%$. As mentioned last quarter, the current level of operating margin reflects not only the impact from the new accounting standard (IFRS16), but also the incorporation of marketing expenses in the analysis of segments, since this line previously was presented only in the corporate analysis. Analysis of behavior this quarter shows that operating margin in 2Q19 contracted 5.1 p.p. from 2Q18, reflecting all the short-term challenges faced by the industry, such as the contraction in the student base due to higher graduations and the shift in the student base profile in both the On-campus and DL segments, with higher provisioning required for newly enrolled students, as well as higher dropout rates. Operating margin also was pressured by an increase in the cost and expense structure of new units and by the incorporation of new services, such a SETS, whose profitability is lower than the other Graduate and unregulated programs comprising the Continuing Education Business Unit. Compared to the previous quarter, operating margin fell 1.6 p.p., due to the seasonal increase in costs and expenses and to the higher provisioning for out-of-pocket students in the quarter. In the six-month period, operating result was $R \$ 1,295.7$ million, with operating margin of $48.3 \%$, down 6.0 p.p. from the same period of 2018 . In general, the operating margin of close to $50 \%$ in Postsecondary Education, considering own units, third-party units and Continuing Education, and taking into consideration all the current difficulties related to the economy, the shift in the profile of students and the competitive landscape, as well as costs related to expansion projects, attests to the solidity of the business and to the Company's high levels of efficiency and profitability.

Own Units (Undergraduate) - Financial Indicators:

| Undergraduate: Own Units - Values in RS ( $\mathbf{0} 000$ ) | 2Q19 | 2 Q18 | Chg.\% | 1Q19 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Revenue - Undergraduate - Own units | 1,121,348 | 1,227,702 | -8.7\% | 1,009,769 | 11.1\% | 2,131,117 | 2,304,109 | -7.5\% |
| Net Revenue - On-Campus Out-of-pocket | 610,234 | 541,629 | 12.7\% | 422,171 | 44.5\% | 1,032,405 | 987,780 | 4.5\% |
| Net Revenue - FIES (financed part net of APV) | 278,166 | 419,768 | -33.7\% | 267,937 | 3.8\% | 546,103 | 809,543 | -32.5\% |
| Net Revenue - PEP (installment part net of APV) | 145,161 | 150,893 | -3.8\% | 131,947 | 10.0\% | 277,108 | 276,611 | 0.2\% |
| Net Revenue - On-Campus PMT (installment part net of APV) | 42,042 | 64,176 | -34.5\% | 140,111 | -70.0\% | 182,153 | 134,162 | 35.8\% |
| Net Revenue - DL Out-of-pocket | 45,616 | 49,287 | -7.4\% | 47,443 | -3.9\% | 93,059 | 93,064 | 0.0\% |
| Net Revenue - DL PMT (installment part net of APV) | 129 | 1,949 | -93.4\% | 160 | -19.3\% | 288 | 2,949 | -90.2\% |
| Gross Income - Undergraduate - Own units | 862,224 | 963,187 | -10.5\% | 813,414 | 6.0\% | 1,675,638 | 1,844,168 | -9.1\% |
| Gross Margin - Undergraduate: Own units | 76.9\% | 78.5\% | -1.6 p.p. | 80.6\% | -3.7 p.p. | 78.6\% | 80.0\% | -1.4 p.p. |
| Operating Result - Undergraduate - Own units | 515,184 | 638,273 | -19.3\% | 479,842 | 7.4\% | 995,026 | 1,230,735 | -19.2\% |
| Operating Margin - Undergraduate: Own units | 45.9\% | 52.0\% | -6.0 p.p. | 47.5\% | -1.6 p.p. | 46.7\% | 53.4\% | -6.7 p.p. |

From the Own Units perspective, which represents the main portion of the results from Postsecondary Education, the pressures mentioned previously become clear with respect to the shift in the student base profile, since FIES graduations and installment payment products affect only this Business Unit, which is composed primarily of On-campus students. Furthermore, all costs and expenses related to the expansion of units also affect this analysis, representing another (albeit smaller) temporary factor weighing on margins. As a result, the operating margin of Undergraduate programs in Own Units stood at $45.9 \%$ in 2Q19 and at $46.7 \%$ in 1 H 19 , representing compression of 6.0 p.p. and 6.7 p.p. from 2 Q 18 and 1 H 18 , respectively. Lastly, note that the result in the six-month period also considers a larger volume of marketing expenses to promote the brands in new regions and to set them apart in the more competitive environment.

Third-Party Units (Undergraduate) - Financial Indicators:

| Undergraduate: Third-party Units - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Revenue - Undergraduation - Third-party units | 205,437 | 220,686 | -6.9\% | 227,796 | -9.8\% | 433,233 | 423,848 | 2.2\% |
| Net Revenue - Out-of-pocket | 201,601 | 219,850 | -8.3\% | 227,265 | -11.3\% | 428,865 | 420,537 | 2.0\% |
| Net Revenue - PMT (installment part net of APV) | 3,836 | 836 | 359.2\% | 531 | 621.8\% | 4,368 | 3,311 | 31.9\% |
| Gross Income - Undergraduate - Third-party units | 193,389 | 205,482 | -5.9\% | 218,780 | -11.6\% | 412,170 | 397,829 | 3.6\% |
| Gross Margin - Undergraduate - Third-party units | 94.1\% | 93.1\% | 1.0 p.p. | 96.0\% | -1.9 p.p. | 95.1\% | 93.9\% | 1.3 p.p. |
| Operating Result - Undergraduate - Third-party units | 120,667 | 127,639 | -5.5\% | 138,558 | -12.9\% | 259,225 | 248,470 | 4.3\% |
| Operating Margin - Undergraduate - Third-part y units | 58.7\% | 57.8\% | 0.9 p.p. | 60.8\% | -2.1 p.p. | 59.8\% | 58.6\% | 1.2 p.p. |

On the other hand, the analysis of Third-Party Units shows the Company's constant efficiency gains, with the achievement of consistent results despite the significant competitive pressure in the DL segment in the last 2 years. The operating margin expansions of 0.9 p.p. and 1.2 p.p. compared to 2 Q 18 and 1 H 18 , respectively, attest to the Company's resilience and high-quality management of its partner centers.

Continuing Education - Financial Indicators:

| Continuing Education - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Revenue - Continuing Education | 52,138 | 28,095 | 85.6\% | 65,683 | -20.6\% | 117,821 | 75,841 | 55.4\% |
| Gross Income - Continuing Education | 35,269 | 21,363 | 65.1\% | 43,154 | -18.3\% | 78,422 | 66,483 | 18.0\% |
| Gross Marging - Continuing Education | 67.6\% | 76.0\% | -8.4 p.p. | 65.7\% | 1.9 p.p. | 66.6\% | 87.7\% | -21.1 p.p. |
| Operating Result - Continuing Education | 19,270 | 10,158 | 89.7\% | 22,224 | -13.3\% | 41,494 | 43,609 | -4.9\% |
| Operating Result - Continuing Education | 37.0\% | 36.2\% | 0.8 p.p. | 33.8\% | 3.1 p.p. | 35.2\% | 57.5\% | -22.3 p.p. |

Lastly, the analysis of Continuing Education reflects primarily the incorporation of the SETS segment and its larger cost structure with the distribution of materials concentrated at the start of the year. Furthermore, it is already possible to see the positive effects of the greater autonomy adopted in the management of this operation, such as revenue growth in both the quarter and six-month period. Meanwhile, the lower margins are due to the expansion in the scope of the business with the incorporation of SETS.

FINANCIAL PERFORMANCE - PRIMARY \& SECONDARY EDUCATION (K12)

As mentioned in the previous quarter, the only adjustment made to the financial figures of Primary \& Secondary Education (K12) was to reconcile the 2018 figures to the IFRS16 accounting standard, i.e. no pro forma analysis was made to include the results of Somos, only adjustments for the segment's new business units (and the exclusion of performance of SETS). Therefore, the 2Q18 and 1H18 figures represent only Kroton's historical Primary and Secondary Education activities and the inclusion of Leonardo da Vinci, acquired in April 2018, while the results for 2019 include Somos and the acquisitions made by Saber (Leonardo da Vinci and Lato Sensu).

| Primary and Secondary Education - Values in R\$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Revenue | 456,857 | 56,215 | 712.7\% | 613,614 | -25.5\% | 1,070,471 | 104,218 | 927.1\% |
| Gross Revenue Deductions | $(93,422)$ | $(6,424)$ | 1354.4\% | $(79,762)$ | 17.1\% | $(173,185)$ | $(18,418)$ | 840.3\% |
| Tax | $(18,619)$ | $(1,900)$ | 879.9\% | $(16,887)$ | 10.3\% | $(35,505)$ | $(3,185)$ | 1014.8\% |
| Returns | $(42,429)$ | $(4,238)$ | 901.2\% | $(16,454)$ | 157.9\% | $(58,883)$ | $(14,375)$ | 309.6\% |
| Total Discounts | $(32,375)$ | (286) | 11225.2\% | (46,421) | -30.3\% | (78,796) | (858) | 9084.4\% |
| Net Revenue | 363,434 | 49,791 | 629.9\% | 533,852 | -31.9\% | 897,286 | 85,800 | 945.8\% |
| Total of Costs | $(177,401)$ | $(26,436)$ | 571.1\% | $(202,304)$ | -12.3\% | $(379,704)$ | $(38,987)$ | 873.9\% |
| Cost of Goods | $(75,244)$ | $(6,654)$ | 1030.9\% | $(102,016)$ | -26.2\% | $(177,260)$ | (12,577) | 1309.4\% |
| Cost of Services | $(102,156)$ | $(19,782)$ | 416.4\% | $(100,288)$ | 1.9\% | $(202,444)$ | $(26,409)$ | 666.6\% |
| Faculty, Other Personnel and Third-Party Services | $(89,733)$ | $(15,006)$ | 498.0\% | $(85,518)$ | 4.9\% | $(175,251)$ | $(21,601)$ | 711.3\% |
| Rent | (0) | $(1,475)$ | -100.0\% | $(2,007)$ | -100.0\% | $(2,007)$ | $(1,475)$ | 36.1\% |
| Materials | (331) | $(2,147)$ | -84.6\% | $(2,516)$ | -86.9\% | $(2,847)$ | $(2,173)$ | 31.0\% |
| Maintenance | $(8,822)$ | (196) | 4412.1\% | $(9,120)$ | -3.3\% | $(17,942)$ | (257) | 6889.9\% |
| Other | $(3,271)$ | (959) | 241.1\% | $(1,126)$ | 190.4\% | $(4,397)$ | (904) | 386.6\% |
| Gross Income | 186,034 | 23,355 | 696.6\% | 331,548 | -43.9\% | 517,582 | 46,813 | 1005.6\% |
| Gross Margin | 51.2\% | 46.9\% | 4.3 p.p. | 62.1\% | -10.9 p.p. | 57.7\% | 54.6\% | 3.1 p.p. |
| Total Operating Expenses | $(40,913)$ | $(4,875)$ | 739.3\% | $(50,168)$ | -18.4\% | $(91,081)$ | $(8,454)$ | 977.4\% |
| Personnel Expenses | $(31,877)$ | $(3,359)$ | 849.0\% | $(41,701)$ | -23.6\% | $(73,578)$ | $(6,476)$ | 1036.2\% |
| General and Administrative Expenses | $(9,037)$ | $(1,516)$ | 496.2\% | $(8,467)$ | 6.7\% | $(17,504)$ | $(1,978)$ | 785.0\% |
| Provision for Doubtful Account - PDA | $(5,590)$ | (380) | 1372.3\% | $(3,117)$ | 79.4\% | $(8,707)$ | (669) | 1202.5\% |
| (+) Interest and Penalties on Tuition | 472 | 166 | 185.1\% | 528 | -10.6\% | 1,000 | 532 | 87.9\% |
| (+) Equity | - | - | n.a. | - | n.a. |  | - | n.a. |
| Selling and Marketing Expenses | $(36,164)$ | $(5,393)$ | 570.5\% | $(41,051)$ | -11.9\% | $(77,215)$ | $(8,853)$ | 772.2\% |
| Operating Result | 103,838 | 12,873 | 706.7\% | 237,740 | -56.3\% | 341,578 | 29,370 | 1063.0\% |
| Operating Margin | 28.6\% | 25.9\% | 2.7 p.p. | 44.5\% | -16.0 p.p. | 38.1\% | 34.2\% | 3.8 p.p. |

## Net Revenue

In 2Q19, net revenue in the K12 segment was $\mathrm{R} \$ 363.4$ million, up significantly from the same period of 2018, reflecting the consolidation of Somos and of the other schools acquired by Saber throughout 2018 (especially Lato Sensu, since Leonardo da Vinci was consolidated in April 2018). These consolidations distorted the comparison base, but also show the new and important scale attained after all these transactions by the segment, which now accounts for $25 \%$ of the Company's total revenue. Note also that, as previously discussed, the K12 segment is now composed of two business units: (i) the K12 Integrated Services Platform \& PNLD/Official Contracts, which account for $56 \%$ of the segment's revenue in the semester and include the group's learning systems, after-school activities and technology services, as well as the National Textbook Program (PNLD) and official contracts with government bodies; and (ii) School Management, which accounts for the other $44 \%$ of revenue and includes all the schools owned and managed by the group (54) and the Red Balloon operations (own schools, franchise and in-school). When analyzing the segment, it is important to note the seasonality of the operation, with the distribution of materials concentrated in odd-numbered quarters. Therefore, despite the significant growth in the annual comparison, the result decreased significantly compared to the prior quarter, which also is explained by the different schedule of repurchases of PNLD, which impacted the second quarter of last year, while this year the revenue will impact the second half. Also regarding PNLD, the invoicing of the Literary PNLD was expected for 1 H 19 , but will only take place in 2H19. Nevertheless, note that, in the six-month period, learning systems increased year-over-year both in the number of students served and in average ticket. Lastly, the School Management business unit presents lower seasonality, with its robust revenue growth reflecting the consolidation of all the schools acquired in 2018 by both Somos and Kroton. In the

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six-month period, net revenue from the K12 segment reached nearly $\mathrm{R} \$ 900$ million, which clearly demonstrates the segment's relevance after the consolidation of Somos.

## Gross Income

In 2Q19, gross income in the K12 segment was R\$186.0 million, with gross margin of $51.2 \%$, increasing 4.3. p.p. from the same period last year, due to the capture of synergies with the integration of Somos and the increased share of more scalable businesses, such as learning systems. Note that, despite the inclusion of all fixed costs involving the School Management business, the segment's margin remained very high and has the potential to further expand with the capture of the remaining synergy gains with Somos. Compared to 1Q19, gross margin fell 10.9 p.p. as a result of the seasonality of the operation and the lower volume of materials distributed in the period. In the six-month period, gross margin stood at $57.7 \%$, an increase of 3.1 p.p. compared to the same period of 2018 , reflecting the strategic nature of the Somos acquisition and the greater diversity of scalable businesses offered in K12 Education.

Provision for Doubtful Accounts (PDA)

| Primary and Secondary Education - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Provision for Doubtful Account - PDA | $(5,590)$ | (380) | 1372.3\% | $(3,117)$ | 79.4\% |
| PDA / Net Revenues Primary and Secondary Education | -1.5\% | -0.8\% | -0.7 p.p. | -0.6\% | -0.9 p.p. |
| PDA - K12 Integrated Platform \& PNLD | $(3,536)$ | (255) | 1287.6\% | $(1,768)$ | 99.9\% |
| PDA Integrated Platform/ Net Revenues. Integrated Platform | -2.1\% | -1.0\% | -1.1 p.p. | -0.5\% | -1.6 p.p. |
| PDA - School Management | $(2,055)$ | (125) | 1544.9\% | $(1,349)$ | 52.4\% |
| PDA School Management/ Net Revenues School Management | -1.1\% | -0.5\% | -0.6 p.p. | -0.7\% | -0.4 p.p. |

Provisioning for the K12 segment corresponded to $1.5 \%$ of net revenue in 2Q19, which was 0.7 p.p. higher than in the same period last year, as a result of the incorporation of Somos and the various businesses offered in the segment. Compared to the prior quarter, the 0.9 p.p. increase in PDA mostly reflects the seasonality of the operation. Note also the differences in the profile of provisioning for K12 Education compared to Postsecondary Education, given the significantly different business model, with lower dropout rates and higher payment capacity.

Accounts Receivables from K12

| Primary and Secondary Education | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Accounts Receivable | 271,232 | 42,844 | 533.1\% | 503,408 | -46.1\% |
| K12 Integrated Platform | 233,102 | 42,844 | 444.1\% | 458,570 | -49.2\% |
| School Management | 38,130 | - | n.a | 44,838 | -15.0\% |

Accounts receivable from K12 Education amounted to R\$271.2 million in 2Q19, representing significant growth from the same period of 2018, reflecting the consolidation of Somos into the results, especially with regards to the volume of learning systems and textbooks. Compared to the previous quarter, the $46.1 \%$ decrease in Accounts Receivable reflects the seasonality of the operation, since the start of the year concentrates most of the commercial activity with the distribution of school books.

Average Accounts Receivable Term

| Primary and Secondary Education - Days | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Accounts Receivable of Basic Education Net Revenue of Basic Education | 51 | 85 | -34 Days | 93 | -42 Days |
| Net Accounts Receivable - K12 Integrated Platform Net Revenue - K12 Integrated Plafform | 63 | 85 | -22 Days | 121 | -58 Days |
| Net Accounts Receivable - School Management Net Revenue - School Management | 24 | - | n.a | 28 | -04 Days |

Calculation base: net balance of short-term and long-term Accounts Receivable in the K12 business related to monthly tuitions, agreements and other academic services, divided by net operating revenue in the K12 business in the last 12 months, multiplied by 360 days.

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In 2Q19, the average term decreased 34 days from the same period last year, mostly due to the shorter term of receivables from the businesses incorporated after the acquisition of Somos, especially in the own school management business. Furthermore, note that the learning systems of Somos had a lower receivables term compared to Pitágoras, as shown in the line for the Integrated Platform. This is true even if you consider that this line also includes the textbook and PNLD/Official Contracts segment, i.e. it could indicate good prospects for the future through the sharing of best practices for this business. Compared to the previous quarter, the average term of K12 Education was 42 days lower due to the seasonality of the operation, especially in the Integrated Platform business with the distribution of books and collections concentrated in the beginning of the year.

## Operating Result

The operating result (after marketing expenses) of the K12 segment in 2Q19 was R\$103.8 million, with operating margin of $28.6 \%$, up 2.7 p.p. from the same period of 2018. As commented for gross margin performance, this improved profitability reflects the incorporation of businesses with more scalable cost structures, such as learning systems, in addition to the fact that the result in 2Q18 was adversely affected by the materiality of Leonardo da Vinci and its lower margins in the result of Kroton's K12 segment in that period. Note also that this level of operating margin already considers the relevant amount of marketing expenses, which is crucial to ensure a growing result of the schools served, whether for selling learning systems or distributing textbooks. In this sense, it is worth noting that the Company is currently fully engaged in commercial activities, with a renewed and driven sales team focused on delivering even stronger results for the 2020 school year. Despite the higher marketing expenses, the operating margin expansion in the quarter demonstrates the segment's high returns and the efforts made since the start of the year to accelerate the capture of synergies and efficiency gains in this operation. Compared to the prior quarter, the 16.0 p.p. decrease in operating margin reflects seasonality, with the different schedule for revenue recognition. In the six-month period, operating margin increased 3.8 p.p. from the same period last year, to over $38 \%$, demonstrating the benefits of the acquisition, with a more balanced product offering and the efforts to capture synergies.

## K12 Platform \& PNLD/Official Contracts- Financial Indicators:

| K12 Integrated Platform \& PNLD/ Official Contracts - Values in R\$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Revenue - K12 Integrated Platiorm \& PNLD/ Official Contracts | 170,181 | 25,208 | 575.1\% | 333,447 | -49.0\% | 503,629 | 46,564 | 981.6\% |
| Net Revenue-K12 Integrated Platform | 139,521 | 25,208 | 453.5\% | 307,028 | -54.6\% | 446,549 | 46,564 | 859.0\% |
| Net Revenue - PNLD / Official Contracts | 30,661 |  | n.a. | 26,419 | 16.1\% | 57,080 | - | n.a |
| Gross Income - K12 Integrated Plafform \& PNLD/ Official Contracts | 92,190 | 17,971 | 413.0\% | 226,348 | -59.3\% | 318,538 | 33,143 | 861.1\% |
| Gross Margin - K12 Integrated Platform \& PNLD/ Official Contracts | 54.2\% | 71.3\% | -17.1 p.p. | 67.9\% | -13.7 p.p. | 63.2\% | 71.2\% | -7.9 p.p. |
| Operating Result - K12 Integrated Platform \& PNLD/ Official Contracts | 54,048 | 11,940 | 352.7\% | 173,344 | -68.8\% | 227,392 | 23,321 | 875.0\% |
| Operating Result - K12 Integrated Plat. \& PNLD/ Official Contracts | 31.8\% | 47.4\% | -15.6 p.p. | 52.0\% | -20.2 p.p. | 45.2\% | 50.1\% | -4.9 p.p. |

From the perspective of the K12 Platform \& PNLD/Official Contracts, you can see the relevance of the main business offered by the Company in K12 Education with all the products and services mentioned above to the Associated Schools. This business is marked by recurring revenue, a high level of client retention and high returns on invested capital, as well as a large potential market. However, the business is also highly seasonal, with the distribution of school materials concentrated in the first and fourth quarters of each year, which explains the variation in results between the two quarters of the first half. However, in the six-month period, the operating margin of over $45 \%$ reinforces the highly scalable nature of the business, which has the potential to improve as the Company proceeds with the capture of synergy gains with the consolidation of Somos and with its growth rhythm.

## School Management - Financial Indicators:

| School Management - Values in R \$( $\mathbf{( 0 0 0 )}$ | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% | 1H19 | 1 H 18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Revenue - School Management | 193,253 | 24,583 | 686.1\% | 200,405 | -3.6\% | 393,657 | 39,236 | 903.3\% |
| Net Revenue - Own Schools | 181,862 | 24,583 | 639.8\% | 170,752 | 6.5\% | 352,614 | 39,236 | 798.7\% |
| Net Revenue - Counter Shift | 11,390 | - | n.a. | 29,653 | -61.6\% | 41,043 | - | n.a. |
| Gross Income - School Management | 93,845 | 5,384 | 1643.0\% | 105,199 | -10.8\% | 199,044 | 13,671 | 1356.0\% |
| Gross Margin - School Management | 48.6\% | 21.9\% | 26.7 p.p. | 52.5\% | -3.9 p.p. | 50.6\% | 34.8\% | 15.7 p.p. |
| Operating Result - School Management | 49,790 | 932 | 5240.2\% | 64,396 | -22.7\% | 114,186 | 6,049 | 1787.8\% |
| Operating Result - School Management | 25.8\% | $3.8 \%$ | 22.0 p.p. | 32.1\% | -6.4 p.p. | 29.0\% | 15.4\% | 13.6 p.p. |

The School Management business unit reflects the growth in the number of schools acquired over the course of 2018, as well as the positive impact from the consolidation of Red Balloon and other services as after-school options. It is worth noting that margins in this channel benefitted from the adoption of IFRS16, by excluding the impact of rent from the operating result, which significantly increased profitability in the business. This business also experiences some seasonality, with the sale of school books and uniforms concentrated at the start of the school year, which explains the lower margins in the quarter compared to 1Q19. Even so, this points to the high potential for efficiency gains in this channel, since a sizeable portion of the integration of back office management is taking place this year and has strong potential to benefit future results.

FINANCIAL PERFORMANCE - KROTON

| Consolidated - Values in R \$ ( ${ }^{\text {(000) }}$ | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% | 1 S19 | 1518 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Revenue | 2,209,480 | 1,953,904 | 13.1\% | 2,298,207 | -3.9\% | 4,507,687 | 3,693,629 | 22.0\% |
| Gross Revenue Deductions | $(467,123)$ | $(427,631)$ | 9.2\% | $(461,107)$ | 1.3\% | $(928,230)$ | $(804,032)$ | 15.4\% |
| Tax | $(61,833)$ | $(49,136)$ | 25.8\% | $(54,407)$ | 13.6\% | $(116,240)$ | $(97,906)$ | 18.7\% |
| ProUni | $(255,165)$ | $(277,692)$ | -8.1\% | $(253,537)$ | 0.6\% | $(508,702)$ | $(517,795)$ | -1.8\% |
| Returns | $(45,752)$ | $(4,238)$ | 979.6\% | $(18,410)$ | 148.5\% | $(64,162)$ | $(14,375)$ | 346.3\% |
| Total Discounts | $(104,373)$ | $(96,565)$ | 8.1\% | $(134,753)$ | -22.5\% | $(239,126)$ | $(173,956)$ | 37.5\% |
| Net Revenue | 1,742,357 | 1,526,273 | 14.2\% | 1,837,100 | -5.2\% | 3,579,457 | 2,889,598 | 23.9\% |
| Total of Costs | $(465,442)$ | $(312,886)$ | 48.8\% | $(430,203)$ | 8.2\% | $(895,645)$ | $(534,305)$ | 67.6\% |
| Cost of Goods | $(86,226)$ | $(6,654)$ | 1195.9\% | $(120,039)$ | -28.2\% | $(206,265)$ | $(12,577)$ | 1540.0\% |
| Cost of Services | $(379,216)$ | $(306,232)$ | 23.8\% | $(310,164)$ | 22.3\% | $(689,380)$ | $(521,727)$ | 32.1\% |
| Faculty, Other Personnel and Third-Party Services | $(334,801)$ | $(277,108)$ | 20.8\% | $(280,853)$ | 19.2\% | $(615,654)$ | $(485,761)$ | 26.7\% |
| Rent | $(4,157)$ | $(6,553)$ | -36.6\% | $(2,847)$ | 46.0\% | $(7,004)$ | $(6,552)$ | 6.9\% |
| Materials | $(5,928)$ | $(7,766)$ | -23.7\% | $(7,303)$ | -18.8\% | $(13,232)$ | $(12,254)$ | 8.0\% |
| Maintenance | $(12,417)$ | $(2,618)$ | 374.2\% | $(11,894)$ | 4.4\% | (24,311) | $(5,976)$ | 306.8\% |
| Other | $(21,913)$ | $(12,186)$ | 79.8\% | $(7,266)$ | 201.6\% | $(29,179)$ | $(11,184)$ | 160.9\% |
| Gross Income | 1,276,915 | 1,213,387 | 5.2\% | 1,406,897 | -9.2\% | 2,683,812 | 2,355,293 | 13.9\% |
| Gross Margin | $73.3 \%$ | 79.5\% | -6.2 p.p. | 76.6\% | -3.3 p.p. | 75.0\% | 81.5\% | -6.5 p.p. |
| Total Operating Expenses | $(218,278)$ | $(174,302)$ | 25.2\% | $(215,403)$ | 1.3\% | $(433,681)$ | $(319,621)$ | 35.7\% |
| Personnel, General and Administrative Expenses | $(218,278)$ | $(174,302)$ | 25.2\% | $(215,403)$ | 1.3\% | $(433,681)$ | $(319,621)$ | 35.7\% |
| Personnel Expenses | $(124,623)$ | $(95,551)$ | 30.4\% | $(129,106)$ | -3.5\% | (253,729) | (174,900) | 45.1\% |
| General and Administrative Expenses | $(93,655)$ | $(78,752)$ | 18.9\% | $(86,297)$ | 8.5\% | $(179,952)$ | $(144,721)$ | 24.3\% |
| Provision for Doubfful Account - PDA | $(186,882)$ | $(182,788)$ | 2.2\% | $(210,873)$ | -11.4\% | $(397,755)$ | $(343,619)$ | 15.8\% |
| (+) Interest and Penalties on Tuition | 28,265 | 42,931 | -34.2\% | 66,150 | -57.3\% | 94,416 | 84,340 | 11.9\% |
| Equity | $(1,054)$ |  | n.a. | 577 | -282.6\% | (477) |  | n.a. |
| Selling and Marketing Expenses | $(140,008)$ | $(110,285)$ | 27.0\% | (168,984) | -17.1\% | $(308,992)$ | (224,210) | 37.8\% |
| Operating Result | 758,958 | 788,943 | -3.8\% | 878,365 | -13.6\% | 1,637,323 | 1,552,184 | 5.5\% |
| Operating Margin | 43.6\% | 51.7\% | -8.1 p.p. | 47.8\% | -4.3 p.p. | 45.7\% | 53.7\% | -8.0 p.p. |
| Corporate Expenses | $(65,107)$ | $(59,408)$ | 9.6\% | $(71,845)$ | -9.4\% | $(136,952)$ | $(111,920)$ | 22.4\% |
| Recurring EBITDA | 693,852 | 729,535 | -4.9\% | 806,519 | -14.0\% | 1,500,371 | 1,440,264 | 4.2\% |
| Recurring EBITDA Margin | 39.8\% | 47.8\% | -8.0 p.p. | 43.9\% | -4.1 p.p. | 41.9\% | 49.8\% | -7.9 p.p. |
| (-) Non-Recurring Items | $(69,085)$ | (76,471) | -9.7\% | $(55,700)$ | 24.0\% | (124,786) | $(120,096)$ | 3.9\% |
| EBITDA | 624,767 | 653,065 | -4.3\% | 750,819 | -16.8\% | 1,375,585 | 1,320,168 | 4.2\% |
| EBITDA Margin | 35.9\% | 42.8\% | -6.9 p.p. | 40.9\% | -5.0 p.p. | 38.4\% | 45.7\% | -7.3 p.p. |
| Depreciation and Amortization | $(345,835)$ | $(144,757)$ | 138.9\% | $(291,318)$ | 18.7\% | $(637,153)$ | $(291,217)$ | 118.8\% |
| Financial Result | $(219,500)$ | $(50,657)$ | 333.3\% | $(202,993)$ | 8.1\% | $(422,493)$ | $(95,863)$ | 340.7\% |
| Income Tax / Social Contribution | 4,850 | $(21,706)$ | n.a. | $(53,240)$ | n.a. | $(48,390)$ | $(42,086)$ | 15.0\% |
| Deferred Income Tax / Social Contribution | 76,047 | 23,681 | 221.1\% | 46,903 | 62.1\% | 122,950 | 34,646 | 254.9\% |
| Income Tax / Social Cont. | - | - | n.a. | - | n.a. | - | - | n.a |
| Minority Interest | (748) | - | n.a. | 229 | -426.3\% | (519) | - | n.a. |
| Net Income | 139,581 | 459,625 | -69.6\% | 250,400 | -44.3\% | 389,981 | 925,648 | -57.9\% |
| Net Margin | 8.0\% | 30.1\% | -22.1 p.p. | 13.6\% | -5.6 p.p. | 10.9\% | 32.0\% | -21.1 p.p. |
| (+) Intagnible Amortization (Acquisitions) | 125,790 | 18,141 | 593.4\% | 64,820 | 94.1\% | 190,610 | 36,246 | 425.9\% |
| (+) inventory surplus value | 1,324 | - | n.a. | 3,472 | -61.9\% | 4,797 | - | n.a. |
| Adjusted Net Income | 266,696 | 477,766 | -44.2\% | 318,692 | -16.3\% | 585,388 | 961,893 | -39.1\% |
| Adjusted Net Margin | 15.3\% | 31.3\% | -16.0 p.p. | 17.3\% | -2.0 p.p. | 16.4\% | 33.3\% | -16.9 p.p. |

# EARNINGS RELEASE 

## Corporate Expenses

| Consolidated - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Corporate Expenses | $(65,107)$ | $(59,408)$ | 9.6\% | $(71,845)$ | -9.4\% |
| Personnel Expenses | $(55,783)$ | $(53,090)$ | 5.1\% | $(37,949)$ | 47.0\% |
| General and Administrative Expenses | $(9,324)$ | $(6,318)$ | 47.6\% | $(33,896)$ | -72.5\% |
| \% of Net Revenue | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| Corporate Expenses | -3.7\% | -3.9\% | 0.2 p.p. | -3.9\% | 0.2 p.p. |
| Personnel Expenses | -3.2\% | -3.5\% | 0.3 p.p. | -2.1\% | -1.1 p.p. |
| General and Administrative Expenses | -0.5\% | -0.4\% | -0.1 p.p. | -1.8\% | 1.3 p.p. |

The ratio of personnel expenses to net revenue within corporate expenses fell $0.3 \mathrm{p} . \mathrm{p}$. from the year-ago period, due to the positive results of the initiatives to control corporate personnel expenses and in line with the strategy to capture synergy gains. Meanwhile, the 1.1 p.p. increase compared to the previous quarter reflects the positive impacts on 1Q19 from the lower volume of share grants and the variable compensation program. A separate analysis of general and administrative expenses as a ratio of net revenue shows that the line increased slightly by 0.1 p.p. from 2 Q 18 , reflecting one-off expenses with consulting services. The 1.3 p.p. decrease compared to the previous quarter is due to a higher volume of reversal of contingencies in 2Q19.

## Nonrecurring Events

| Values in R \$ ( 0000 | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Severance | $(26,920)$ | $(13,104)$ | 105.4\% | $(25,808)$ | 4.3\% |
| Restructuring of units | - | $(8,578)$ | n.a. |  | n.a. |
| M\&A and expansion | $(42,165)$ | $(38,767)$ | 8.8\% | $(29,892)$ | 41.1\% |
| Other projects | - | $(16,022)$ | n.a. |  | n.a. |
| Total Nonrecurring | $(69,085)$ | $(76,471)$ | -9.7\% | $(55,700)$ | 24.0\% |

As mentioned last quarter, the Company opted to incorporate the lines restructuring of units and other projects under recurring results for the year, i.e. to recognize each project in its original business unit. Therefore, non-recurring items in 2Q19 came to R\$69.1 million, related to: (i) severance payments arising from the Somos acquisition and the reduction in classroom hours resulting from the efficiency initiatives; and (ii) expenses with the implementation of new units and related to the Somos acquisition, such as the consulting and other firms engaged in the integration process.

Financial Result

| Consolidated - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (+) Financial Revenues | 42,369 | 22,526 | 88.1\% | 42,009 | 0.9\% |
| Interest on Financial Investment | 18,997 | 17,226 | 10.3\% | 30,911 | -38.5\% |
| Others | 23,372 | 5,300 | 341.0\% | 11,098 | 110.6\% |
| (-) Financial Expenses | $(261,869)$ | $(19,023)$ | n.a. | $(245,002)$ | 6.9\% |
| Banks Expenses | $(5,033)$ | $(8,415)$ | -40.2\% | $(6,660)$ | -24.4\% |
| Interest on leasing | $(75,388)$ | - | n.a. | $(75,824)$ | -0.6\% |
| Interest on Loans | $(153,634)$ | $(2,484)$ | n.a. | $(136,633)$ | 12.4\% |
| Interest and Tax on Late Payment | $(9,762)$ | $(1,224)$ | 697.5\% | $(10,876)$ | -10.2\% |
| Interest on Loans for Acquisitions | $(4,629)$ | $(2,742)$ | 68.8\% | $(5,815)$ | -20.4\% |
| Restatement of Contingencies | - | $(2,457)$ | n.a. | - | n.a. |
| Others | $(13,423)$ | $(1,701)$ | 689.1\% | $(9,194)$ | 46.0\% |
| Financial Result ${ }^{1}$ | $(219,500)$ | 3,503 | n.a. | $(202,993)$ | 8.1\% |

${ }^{1}$ Excludes interest and fines on late monthly tuition payments.

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In 2Q19, the Company's financial result reversed course compared to 2Q18, reflecting the financial charges on the debt secured to acquire Somos and the impact from the adoption of IFRS16. As a result of the higher debt balance and the liabilities arising from the new accounting standard, the line interest on loans and leases was directly impacted, significantly increasing the Company's financial expenses. However, the current level is consistent with the new capital structure and will have a direct impact on the Company's Net Income in the coming years. In short, the financial result in 2Q19 was an expense of $R \$ 219.5$ million, which is substantially lower than in the same period last year. Compared to the previous quarter, the increase of $8.1 \%$ reflects the negative impact on interest expenses from the higher debt balance in the period to support payments related to the public tender offer carried out for the delisting of Somos.

Net Income

| Consolidated - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Operating Result | 758,958 | 788,943 | -3.8\% | 878,365 | -13.6\% |
| (+) Corporate Expenses | $(65,107)$ | $(59,408)$ | 9.6\% | $(71,845)$ | -9.4\% |
| (+) Nonrecurring Items | $(69,085)$ | $(76,471)$ | -9.7\% | $(55,700)$ | 24.0\% |
| (+) Depreciation and Amortization ex-Intangible | $(345,835)$ | $(144,757)$ | 138.9\% | $(291,318)$ | 18.7\% |
| (+) Financial Result ${ }^{1}$ | $(219,500)$ | $(50,657)$ | 333.3\% | $(202,993)$ | 8.1\% |
| (+) Income Tax / Social Contribution | 4,850 | $(21,706)$ | n.a. | $(53,240)$ | n.a. |
| (+) Deferred Income Tax / Social Contribution | 76,047 | 23,681 | 221.1\% | 46,903 | 62.1\% |
| (+) Participation of Minority | (748) | - | n.a. | 229 | n.a. |
| (+) Intangible Amortization (Acquisitions) | 125,790 | 18,141 | 593.4\% | 64,820 | 94.1\% |
| (+) Inventory surplus value | 1,324 | - | n.a. | 3,472 | -61.9\% |
| Adjusted Net Income | 266,696 | 477,766 | -44.2\% | 318,692 | -16.3\% |
| Adjusted Net Margin | 15.3\% | 31.3\% | -16.0 p.p. | 17.3\% | -2.0 p.p. |
| (-) Intangible Amortization (Acquisitions) | $(125,790)$ | $(18,141)$ | 593.4\% | $(64,820)$ | 94.1\% |
| (-) Inventory surplus value | $(1,324)$ | - | n.a. | $(3,472)$ | -61.9\% |
| Net Income | 139,581 | 459,625 | -69.6\% | 250,400 | -44.3\% |
| Net Margin | 8.0\% | 30.1\% | -22.1 p.p. | 13.6\% | -5.6 p.p. |

${ }^{1}$ Excludes interest and fines on late monthly tuition payments.

Adjusted net income (by the amortization of intangible assets and inventory surplus value) amounted to $\mathrm{R} \$ 266.7$ million in 2Q19, with adjusted net margin of $15.3 \%$, down 16.0 p.p. from the same period of 2018 . The factors affecting this performance include: (i) the higher depreciation related to the investments in the production of content and technology, which have shorter useful lives; and (ii) the higher volume of financial expenses due to the debt secured for the acquisition of Somos. Note that, since the start of the year, an important change was made to the composition of adjusted net income, which no longer excludes non-recurring items. Therefore, adjustments are now made only for the amortization of intangible assets from acquisitions and for inventory surplus value, absorbing all other items that in some way are inherent to the operation (even if non-recurring). Compared to the previous quarter, the 2.0 p.p. contraction in adjusted gross margin is mainly due to the seasonality of the K12 operation. In the six-month period, adjusted net income amounted to R\$585.4 million, with adjusted net margin of $16.4 \%$, virtually half of the figures in the same period of 2018 , due to the adverse effects from the higher depreciation and financial results mentioned above, the pressures on the Postsecondary Education segment and the consolidation of Somos. Considering Kroton's standalone performance, i.e., excluding the impact from the consolidation of Somos, adjusted net income was $\mathrm{R} \$ 350.4$ million in 2 Q 19 and $\mathrm{R} \$ 666.8$ million in 1 H 19 , with adjusted net margin of $24.8 \%$ and $24.4 \%$, respectively.

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Excluding the adjustments for amortization of intangible assets and inventory surplus value, net income was R\$139.6 million in 2Q19 and R\$390.0 million in 1H19. However, given the significant impact from these adjustments, especially given the relevance of the latest acquisition, the Company recommends the adjusted result as the best metric for accompanying its financial performance.

EBITDA ${ }^{1}$

| Consolidated - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Income (Loss) | 139,581 | 459,625 | -69.6\% | 250,400 | -44.3\% |
| (+) Depreciation and Amortization | 345,835 | 144,757 | 138.9\% | 291,318 | 18.7\% |
| (+) Financial Result | 219,500 | 50,657 | 333.3\% | 202,993 | 8.1\% |
| (+) Income Tax / Social Contribution | $(4,850)$ | 21,706 | n.a. | 53,240 | n.a. |
| (+) Deferred Income Tax / Social Contribution | $(76,047)$ | $(23,681)$ | 221.1\% | $(46,903)$ | $62.1 \%$ |
| (+) Minority Participation | 748 | - | n.a. | (229) | n.a. |
| EBITDA | 624,767 | 653,065 | -4.3\% | 750,819 | -16.8\% |
| EBITDA Margin | 35.9\% | 42.8\% | -6.9 p.p. | 40.9\% | -5.0 p.p. |
| (+) Nonrecurring Items | 69,085 | 76,471 | -9.7\% | 55,700 | 24.0\% |
| Recurring EBITDA | 693,852 | 729,535 | -4.9\% | 806,519 | -14.0\% |
| Recurring EBITDA Margin | $39.8 \%$ | 47.8\% | -8.0 p.p. | 43.9\% | -4.1 p.p. |

${ }^{1}$ Includes interest and late-payment fees on monthly tuition payments and excludes inventory surplus value.
In 2Q19, EBITDA amounted to R\$624.8 million, down 4.3 \% from the year-ago period, accompanied by EBITDA margin contraction of 6.9 p.p. The lower EBITDA in the period is explained by the pressures on Postsecondary Education, given the change in the student base profile, which has led to higher dropout rates and higher provisioning to support the installment plans, by the persistence of the adverse economic environment and by the increase in costs and expenses associated with the new units. The latter factor, however, also is of a temporary nature, since as the units mature they will help to sustain the high levels of performance achieved by Kroton. The quarter also was affected by a different schedule of receivables from PNLD repurchases, which adversely affected the performance of the K12 Platform, since approximately R\$100 million in revenue (with most of the associated costs and expenses already incurred in the P\&L) was shifted to the second half of the year. The combination of these factors offset the higher ticket in the period, the consolidation of Somos into the results and the efficiency gains in the K12 operation. Lastly, note that, since the start of the year, Kroton's EBITDA analysis has considered only certain adjustments relating to operating financial income (interest and late-payment fees) and inventory surplus value, but without adjusting for non-recurring items to clearly demonstrate the final performance of its operating activities, even though some of these expenses are of a non-recurring nature. Therefore, bear in mind that, despite all the result detractors and the increased relevance of a segment with a distinct level of profitability compared to Postsecondary Education, the Company has been able to maintain very healthy margins. The best example of this is the result for the sixmonth period, which posted EBITDA of R $\$ 1.4$ billion and EBITDA margin above $38 \%$, which demonstrates the operation's high level of efficiency. These results represent $45 \%$ of the guidance for 2019, considering that 2 H 19 has positive impacts from the seasonality of the K12 operation, which should ensure full achievement of the targets.


## Analysis ex-IFRS16

Complementing the previous analyses, the following table shows the pro forma result of the main lines of 2 Q 19 and 1 H 19 excluding the adoption of IFRS 16.

| Consolidated - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Revenue | 1,742,357 | 1,526,273 | 14.2\% | 3,579,457 | 2,889,598 | 23.9\% |
| EBITDA ' | 488,969 | 565,003 | -13.5\% | 1,110,445 | 1,134,263 | -2.1\% |
| EBITDA Margin | 28.1\% | 37.0\% | -9.0 p.p. | 31.0\% | 39.3\% | -8.2 p.p. |
| Adjusted Net Income ${ }^{2}$ | 282,790 | 485,530 | -41.8\% | 622,922 | 979,067 | -36.4\% |
| Adjusted Net Margin | 16.2\% | 31.8\% | -15.6 p.p. | 17.4\% | 33.9\% | -16.5 p.p. |

Excludes the impacts from adoption of IFRS16 on the results of 2019 and 2018.
${ }^{1}$ EBITDA considers interest and late-payment fees and excludes impacts from inventory surplus.
${ }^{2}$ Net income adjusted by the amortization of intangible assets and inventory surplus value.

## Capex and Investments in Expansion

In 2Q19, Kroton invested R\$120.6 million, allocated as follows:
E Information technology and library equipment: $\mathrm{R} \$ 6.5$ million (5\%);

- Content and systems development and software licenses: R\$92.8 million (77\%);
- Laboratory and related equipment: R\$5.9 million (5\%);

E Expansions - construction and improvements: $\mathbf{R} \$ 15.4$ million (13\%).


In 2Q19, capex corresponded to $6.9 \%$ as a ratio of net revenue, most of which was allocated to content development, systems and software licenses, which accounted for $77 \%$ of the total amount and accompanied the expansion of Kroton's portfolio in recent years, especially with the addition of new Premium DL programs, in addition to all K12 content. In this respect, note that, after the consolidation of Somos, Kroton now makes publishing investments for the production of textbooks, which are already included in the capex figure. Another large expenditure was related to the renovations and improvements at existing units to prepare them to meet students' expectations and to adapt them to the change in the program portfolio being implemented by the Company. In the six-month period, investments amounted to $\mathrm{R} \$ 227.3$ million, which corresponds to $6.4 \%$ of net revenue in the period.

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Note that, since the start of the year, investments in special projects are now recognized as recurring capex, in other words, all investments, except expansion, are included in the line "Capex." Accordingly, investments relating to the implementation of new units amounted to R\$52.8 million in the quarter and R\$97.9 million in 1 H 19 , representing $3.0 \%$ and $2.7 \%$ of net revenue, respectively.

## Net Debt

| Consolidated - Values in R \$ ('000) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cash and Cash Equivalents | 1,016,752 | 1,128,763 | -9.9\% | 2,023,522 | -49.8\% |
| Cash | 2,386 | 353 | 575.9\% | 6,537 | -63.5\% |
| Securities | 1,014,366 | 1,128,410 | -10.1\% | 2,016,985 | -49.7\% |
| Loans and Financing | 8,423,155 | 229,510 | n.a. | 7,535,472 | 11.8\% |
| Short-term Debt | 509,819 | 175,865 | 189.9\% | 394,184 | 29.3\% |
| Long-term Debt | 7,913,336 | 53,645 | n.a. | 7,141,288 | 10.8\% |
| Net Cash (Debt) ${ }^{1}$ | $(7,406,403)$ | 899,253 | n.a. | $(5,511,950)$ | 34.4\% |
| Other Short and Long Term Debt ${ }^{2}$ | 360,661 | 178,803 | 101.7\% | 369,318 | -2.3\% |
| (1) Net Cash (Debt) | $(7,767,064)$ | 720,450 | n.a. | $(5,881,268)$ | 32.1\% |
| Short Term Accounts Receivable ${ }^{3}$ | 136,896 | 522,372 | -73.8\% | 135,053 | 1.4\% |
| FIES - NR 23 - cash balance and Uniasselvi Disposal | - | 390,981 | n.a. | - | n.a. |
| Uniasselvi Disposal | 122,443 | 116,777 | 4.9\% | 120,688 | 1.5\% |
| FAIR and FAC/FAMAT Disposal | 14,453 | 14,614 | -1.1\% | 14,365 | 0.6\% |
| Long-Term Accounts Receivable ${ }^{3}$ | 376,579 | 472,041 | -20.2\% | 367,581 | 2.4\% |
| Uniasselvi Disposal | 342,192 | 429,266 | -20.3\% | 333,945 | 2.5\% |
| FAIR and FAC/FAMAT Disposal | 34,387 | 42,775 | -19.6\% | 33,636 | 2.2\% |
| (2) Other Accouts Receivable ${ }^{3}$ | 513,475 | 994,413 | -48.4\% | 502,634 | 2.2\% |
| (1)+(2) Pro Forma Net Cash (Debt) | $(7,253,589)$ | 1,714,863 | n.a. | $(5,378,634)$ | 34.9\% |

${ }^{1}$ Net cash (debt) considering only bank obligations.
${ }^{2}$ Considering all short- and long-term obligations related to the taxes paid in installments and the acquisitions, including the amount to be paid within 6 years related to the Uniasselvi acquisition, in addition to debentures issued by both Companies (Kroton and Somos).
${ }^{3}$ Considers the short-term receivables related to the Uniasselvi, FAIR and FAC/FAMAT divestment and long-term receivables related to the other installments of Uniasselvi, FAIR and FAC/FAMAT to be earned from 2019 to 2022 adjusted to present value (excluding the earn-out amounts).

At the end of 2Q19, total cash and financial investments amounted to $\mathrm{R} \$ 1.0$ billion, down $49.8 \%$ from the previous quarter, reflecting the expenditures made in the quarter related to the tender offer to delist Somos, as well as the cash burn of the operation, the payment of interest on debentures, the investments in expansion and the payment of dividends. After the consolidation of Somos and its liabilities into the balance sheet of Saber (a wholly owned subsidiary of Kroton), total net debt ended 2Q19 at R $\$ 7.4$ billion. The amount takes into consideration the debentures issue of $\mathrm{R} \$ 800$ million in April to strengthen working capital and to lengthen the Company's average maturity term, and explains the $34 \%$ increase in total loans and financing compared to the previous quarter. Considering all short-term and long-term obligations, which include taxes and contributions paid in installments and the obligations and rights related to past acquisitions, Kroton ended the period with net debt of R $\$ 7.8$ billion. Total long-term obligations include amounts related to installment payments for acquisitions, especially those for Uniasselvi, which are being repaid in six annual installments since 2013, in addition to various debentures issued by Kroton and Somos over the last few years. In addition, it is important to remember that Kroton also has short-term and long-term receivables that will have a positive impact on its cash in the coming years. These receivables include both short-term accounts receivables, which correspond to one of the installments from the sales of Uniasselvi, FAIR and FAC/FAMAT, and long-term accounts receivables related to the remaining 3 installments of the payment for Uniasselvi, FAIR and FAC/FAMAT adjusted to present value (excluding the earn-out amounts), which will be received annually through 2022. Therefore, adding all short-term and long-term receivables, the net debt balance would be even slightly lower, at R\$7.3 billion. However, it is important to note that the current indebtedness level is consistent with the Company's projects and opportunities, and is below the financial covenants agreed upon with bondholders.

# EARNINGS RELEASE 

2019

## Cash Flow

| Consolidated - Values in R \$ ( ${ }^{\prime} 000$ ) | 2Q19 | 2Q18 | Chg.\% | 1Q19 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Income before Income Interest | 58,941 | 465,371 | -87.3\% | 256,485 | -77.0\% | 315,426 | 950,198 | -66.8\% |
| (+) Net Income adjustments before Income Interest | 707,227 | 273,027 | 159.0\% | 559,165 | 26.5\% | 1,266,392 | 495,246 | 155.7\% |
| Depreciation and Amortization | 382,068 | 103,092 | 270.6\% | 255,085 | 49.8\% | 637,153 | 205,315 | 210.3\% |
| Provision for Doubtful Accounts (PDA) | 187,481 | 182,770 | 2.6\% | 210,872 | -11.1\% | 398,353 | 343,600 | 15.9\% |
| Others | 137,678 | $(12,835)$ | n.a. | 93,208 | 47.7\% | 230,886 | $(53,669)$ | n.a. |
| (+) Income Tax and Social Contribution | $(44,506)$ | $(8,369)$ | n.a. | $(2,774)$ | n.a. | $(47,280)$ | $(48,188)$ | -1.9\% |
| (+) Changes in Working Capital | $(460,123)$ | $(304,304)$ | 51.2\% | $(936,038)$ | -50.8\% | $(1,396,160)$ | $(995,280)$ | 40.3\% |
| (Increase) Reduction in Accounts Receivable ex-FIES | $(371,362)$ | $(391,264)$ | -5.1\% | $(390,517)$ | -4.9\% | $(761,879)$ | $(739,061)$ | 3.1\% |
| (Increase) Reduction in Accounts Receiv able FIES | 95,303 | $(17,378)$ | n.a. | $(151,792)$ | n.a. | $(56,488)$ | $(232,195)$ | -75.7\% |
| Others | $(184,064)$ | 104,338 | n.a. | $(393,729)$ | -53.3\% | $(577,793)$ | $(24,024)$ | n.a. |
| Operating Cash Generation before Capex | 261,539 | 425,725 | -38.6\% | $(123,162)$ | n.a. | 138,378 | 401,976 | -65.6\% |
| Capex | $(120,632)$ | $(107,659)$ | 12.1\% | $(106,637)$ | 13.1\% | $(227,269)$ | $(209,181)$ | 8.6\% |
| Operating Cash Generation after Capex | 140,907 | 318,066 | -55.7\% | $(229,799)$ | n.a. | $(88,892)$ | 192,795 | n.a. |
| (+) Investments in Expansion | $(52,820)$ | $(55,094)$ | -4.1\% | $(45,175)$ | 16.9\% | $(97,994)$ | $(68,409)$ | 43.2\% |
| (+) M\&A Activities | $(1,741,676)$ | $(107,093)$ | n.a. | $(61,370)$ | n.a. | (1,803,047) | $(107,756)$ | n.a. |
| (+) Cash Flow from Financing Activities | 657,821 | $(564,010)$ | n.a. | $(252,221)$ | n.a. | 405,599 | $(615,170)$ | n.a. |
| Free Cash Flow | $(995,768)$ | $(408,131)$ | 144.0\% | $(588,565)$ | 69.2\% | $(1,584,334)$ | $(598,541)$ | 164.7\% |


| Consolidated - Values in R \$ ( ${ }^{(000}$ ) | 2Q19 | 2Q18 | Chg.\% | 1H19 | 1H18 | Chg.\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Operating Cash Generation (OCG) before Capex | 261,539 | 425,725 | -38.6\% | 138,378 | 401,976 | -65.6\% |
| OCG / EBITDA | 41.9\% | 65.2\% | -23.3 p.p. | 10.1\% | 30.4\% | -20.4 p.p. |
| Operating Cash Generation after Capex | 140,907 | 318,066 | -55.7\% | $(88,892)$ | 192,795 | n.a. |
| OCG / EBITDA | 22.6\% | 48.7\% | -26.2 p.p. |  | 14.6\% | n.a. |
| Free Cash Flow | $(995,768)$ | $(408,131)$ | 144.0\% | (1,584,334) | $(598,541)$ | 164.7\% |

The Company's Free Cash Flow stems from cash flow from operating activities, which is derived from net income adjusted for all noncash effects in the profit and loss and comprises all variations in working capital, taxes paid (income tax and social contribution) and investments made (ex-acquisitions), and from cash flow from non-operating activities, which includes all financial flows not related to the operations. All figures in the above table exclude any adjustments or pro forma analyses and reflect only the actual cash flow in the periods.

On this basis, operating cash generation before capex was $R \$ 261.5$ million in 2Q19, $38.6 \%$ lower than in 2Q18, which is explained by the higher cash burn by the Company's installment payment products and by the increase in PDA due to the still-turbulent economic scenario and the higher financial charges in the period. Additionally, the lower cash generation in the period also reflects the consolidation of Somos, who has a cash consumption profile in the first half of the year, in addition to postponements of payments under the PNLD program. These factors combined offset the payment by the government of the last FIES installment under PN23. After adding capex disbursements, operating cash generation in 2Q19 reached $\mathrm{R} \$ 140.9$ million, a reversal from the cash burn recorded in the last quarter, showing the efforts made to mitigate the pressures faced by the Company from the shift in the student profile and the cost from offering installment products using own capital. Free cash flow was negative $\mathrm{R} \$ 995.8$ million, due to the disbursements in the quarter to carry out the public tender offer related to the delisting of Somos.

Operating cash flow after capex corresponded to $22.6 \%$ of EBITDA in 2Q19. Meanwhile, free cash flow after disbursements with capex in the six-month period was negative $\mathrm{R} \$ 88.9$ million, which reflects not only the cash consumption in $1 Q 19$, but also all the ongoing special projects, such as the expansion projects (organic and via acquisitions) and the payment of interest expenses. However, the Company remains confident in the cash outlook for the second half of the year and reaffirms its guidance of $\mathrm{R} \$ 800$ million for fiscal year 2019, since: i) virtually all PNLD receivables will be received in the second half; ii) FIES receivables also are concentrated at the end of the year, with the payment for November installment made in December, as has been the case for the last 3 years; and iii) the Company's disbursements were higher in 1H19, given the gains in average payables term in 2018 and the acceleration of Marketing expenses in 1H19, which have short payment terms.

## CAPITAL MARKETS AND SUBSEQUENT EVENTS

OWNERSHIP STRUCTURE

Kroton's capital is composed of 1,644,248,206 common shares, distributed as follows:

| Kroton Ownership Structure* | Quanitit | \% |
| :---: | :---: | :---: |
| Treasury | 9,597,757 | 0.58\% |
| Free Float | 1,634,650,449 | 99.42\% |
| Total | 1,644,248,206 | 100.00\% |

* Position as of 7/31/2019.


## STOCK PERFORMANCE

Kroton stock (KROT3) is a component of several indices, such as the Bovespa Index (lbovespa), Special Corporate Governance Stock Index (IGC), Special Tag-Along Stock Index (ITAG), Consumption Sector Index (ICON) and MSCI Brazil.

The stock was traded in 100\% of trading sessions during 2Q19, registering financial trading volume of R\$7.3 billion and $1,400,442$ trades in the period, which represents average daily trading volume of $R \$ 117.5$ million. Kroton stock is currently covered by research analysts at 13 different local and international institutions. On June 30, 2019, Kroton's market capitalization was $\mathrm{R} \$ 18.0$ billion.

In the second quarter of 2019, Kroton's stock price increased 3.5\%, while the Bovespa Index (Ibovespa) advanced $5.8 \%$. In the same period, the IGC, ITAG and ICON gained $7.0 \%, 6.4 \%$ and $13.8 \%$, respectively. In the six-month period, Kroton stock price increased $23.7 \%$, while the Ibovespa, IGC, ITAG and ICON gained $14.9 \%, 15.9 \%, 15.0 \%$ and $21.4 \%$, respectively.

| Highlights- KROT3 | 2Q19 | 1 H 19 |
| :---: | :---: | :---: |
| Average Daily Trade Volume (average) | R\$ 117.5 million | R\$ 127.6 million |
| Maximum (R\$ per share) | R\$ 10.97 | R\$ 11.94 |
| Minimum (R\$ per share) | R\$ 8.80 | R\$ 8.80 |
| Average ( R \$ per share) | R\$ 10.08 | R\$ 10.43 |
| Closing Quote | R\$ 10.97 | R\$ 10.97 |
| Variation in the period (\%) | 3.5\% | 23.7\% |

## CREDIT RATINGS

Kroton is currently rated triple A (brAAA) by Standard \& Poor's and AA+(bra) by Fitch Rating.

## DIVIDENDS

In the Meeting held on August 14, 2019, the Board of Directors approved the distribution of dividends related to the results for the second quarter of 2019 in the amount of $R \$ 55.1$ million, which will be calculated towards the minimum mandatory dividend for 2019 and corresponds to $\mathrm{R} \$ 0.0336923704$ per common share and to $40 \%$ of corporate net income, after deduction of the legal reserve. Shareholders of record at the close of trading on August 20, 2019 are entitled to the dividen ds.

## ABOUT KROTON EDUCACIONAL

Kroton Educacional S.A. is one of the largest private for-profit educational organizations in the world. Operating for over 50 years, the Company has a nationwide presence in all of Brazil's states. At the end of 2Q19, Kroton had 888,370 students enrolled in its On-Campus and Distance Learning Postsecondary Education programs at its 155 Postsecondary units and its 1,410 Distance Learning centers. It also offers Preparatory Courses under the brand LFG. On October 11, 2018, Kroton concluded the acquisition of Somos Educação, the leading primary and secondary education group in Brazil, making it a complete educational platform with an important presence in all K12 businesses. In Primary \& Secondary Education, in 2Q19, the consolidated operation had 35,786 students in 54 own schools, 25,592 students in 125 units of Red Balloon, and 1.3 million students served through approximately 3,961 associated schools using the learning systems, PAR and O Líder em Mim solutions.

## APPENDIX 1 - CORPORATE BALANCE SHEET

| R\$ ('000) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Assets | 2Q19 | \% AV | 1Q19 | \% AV |
| Current Assets | 4,521,946 | 13.4\% | 5,440,228 | 16.2\% |
| Cash and cash equivalents | 2,386 | 0.0\% | 6,537 | 0.0\% |
| Financial Investments | 232,980 | 0.7\% | 1,477,794 | 4.4\% |
| Securities | 764,182 | 2.3\% | 527,752 | 1.6\% |
| Accounts Receivable | 2,347,068 | 6.9\% | 2,306,023 | 6.9\% |
| Inventories | 427,519 | 1.3\% | 390,234 | 1.2\% |
| Prepayments | 90,074 | 0.3\% | 83,603 | 0.2\% |
| Recoverable Taxes | 383,832 | 1.1\% | 334,169 | 1.0\% |
| Other Accounts Receivable | 273,905 | 0.8\% | 314,116 | 0.9\% |
| Non current Assets | 29,315,086 | 86.6\% | 28,206,280 | 83.8\% |
| Securities | 17,204 | 0.1\% | 11,439 | 0.0\% |
| Accounts Receivables | 718,476 | 2.1\% | 716,268 | 2.1\% |
| Deferred Taxes | 705,405 | 2.1\% | 614,605 | 1.8\% |
| Judicial Deposits | 111,500 | 0.3\% | 111,173 | 0.3\% |
| Prepayments | 1,680 | 0.0\% | 1,680 | 0.0\% |
| Taxes to Recover | 6,447 | 0.0\% | 6,429 | 0.0\% |
| Guarantee for social security, labor and civil provisions | 1,106,418 | 3.3\% | 952,487 | 2.8\% |
| Other | 443,241 | 1.3\% | 433,389 | 1.3\% |
| Fixed Assets | 5,369,373 | 15.9\% | 5,454,185 | 16.2\% |
| Intangible | 20,835,342 | 61.6\% | 19,904,625 | 59.2\% |
| Total Assets | 33,837,032 | 100.0\% | 33,646,508 | 100.0\% |

Liabilities and Equity

| Current Liabilities | $\mathbf{2 , 4 9 3 , 6 0 7}$ | $\mathbf{7 . 4 \%}$ | $\mathbf{2 , 5 3 9 , 8 0 2}$ | $\mathbf{7 . 5 \%}$ |
| :--- | ---: | ---: | ---: | ---: |
| Suppliers | 698,407 | $2.1 \%$ | 820,887 | $2.4 \%$ |
| Loans and Financing | 494 | $0.0 \%$ | 2,915 | $0.0 \%$ |
| Debenture | 509,325 | $1.5 \%$ | 391,269 | $1.2 \%$ |
| Lease | 224,319 | $0.7 \%$ | 219,092 | $0.7 \%$ |
| Social security and labor liabilities | 499,611 | $1.5 \%$ | 468,748 | $1.4 \%$ |
| Income Tax and Social Contribution | 28,048 | $0.1 \%$ | 29,979 | $0.1 \%$ |
| Taxes and Contribution | 82,294 | $0.2 \%$ | 87,460 | $0.3 \%$ |
| Advances from Clients | 262,795 | $0.8 \%$ | 297,156 | $0.9 \%$ |
| Tax and Contribution Payment Installments | 14,407 | $0.0 \%$ | 14,515 | $0.0 \%$ |
| Accounts Payable - Acquisitions | 130,124 | $0.4 \%$ | 121,530 | $0.4 \%$ |
| Dividends Payable | 58 | $0.0 \%$ | 43,054 | $0.1 \%$ |
| Other | 43,725 | $0.1 \%$ | 43,197 | $0.1 \%$ |
| Non current Liabilities | $\mathbf{1 5 , 2 9 2 , 7 7 8}$ | $\mathbf{4 5 . 2 \%}$ | $\mathbf{1 5 , 0 4 3 , 9 2 3}$ | $\mathbf{4 4 . 7 \%}$ |
| Loans and Financing | 442 | $0.0 \%$ | 31,171 | $0.1 \%$ |
| Debenture | $7,912,894$ | $23.4 \%$ | $7,110,117$ | $21.1 \%$ |
| Lease | $3,037,228$ | $9.0 \%$ | $3,052,197$ | $9.1 \%$ |
| Provision for Tax, Labor and Civil Lawsuit Losses | 384,031 | $1.1 \%$ | 401,080 | $1.2 \%$ |
| Liabilities assumed in the business combination | $3,121,860$ | $9.2 \%$ | $3,197,389$ | $9.5 \%$ |
| Tax and Contribution Payment Installments | 22,733 | $0.1 \%$ | 25,049 | $0.1 \%$ |
| Accounts Payable - Acquisitions | 193,397 | $0.6 \%$ | 208,224 | $0.6 \%$ |
| Deferred Taxes | 620,094 | $1.8 \%$ | $1,002,095$ | $3.0 \%$ |
| Others | $\mathbf{9 9}$ | $0.0 \%$ | 16,601 | $0.0 \%$ |
| Consolidated Equity | $\mathbf{1 6 , 0 5 0 , 6 4 7}$ | $\mathbf{4 7 . 4 \%}$ | $\mathbf{1 6 , 0 6 2 , 7 8 3}$ | $\mathbf{4 7 . 7 \%}$ |
| Total Liabilities and Equity | $\mathbf{3 3 , 8 3 7 , 0 3 2}$ | $\mathbf{1 0 0 . 0 \%}$ | $\mathbf{3 3 , 6 4 6 , 5 0 8}$ | $\mathbf{1 0 0 . 0 \%}$ |

APPENDIX 2 - QUARTERLY INCOME STATEMENT RECONCILIATION

|  |  |  |  | ccounting adjus | ments |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { 2Q19 } \\ & \text { Results } \\ & \text { (Book) } \end{aligned}$ | Interest and Penalites on Tuition | Depreciation | Intangible Amortization (Acquisilions) | Non-recurring litems/ Capital Gain | Reclassification between Costs and expenses | 2Q19 Results (Release) |
|  |  |  | (In thousand | is, except othe | ise indicated) |  |  |
| Gross Revenue | 2,209,477 | - | - | - | - | 3 | 2,209,480 |
| Postsecondary | 1,752,624 | - | - | - | - | (0) | 1,752,624 |
| Primary and Secondary | 456,853 | - | - | - | - | 4 | 456,857 |
| Deductions from Gross Revenue | $(467,122)$ | - | - | - | - | - | $(467,122)$ |
| Postsecondary | (373,701) | - | - | - | - | - | (373,701) |
| Primary and Secondary | (93,421) | - | - | - | - | - | (93,421) |
| Net Revenue | 1,742,355 | - | - | - | - | 3 | 1,742,358 |
| Postsecondary | 1,378,923 | - | - | - | - | (0) | 1,378,923 |
| Primary and Secondary | 363,432 | - | - | - | - | 4 | 363,436 |
| Costs of Goods/Services | $(638,378)$ | - | 220,045 | - | $(19,239)$ | $(27,870)$ | $(465,442)$ |
| Cost of Goods Sold | $(86,226)$ | - | - | - | - | (0) | $(86,226)$ |
| Cost of Services Rendered | (552,152) | - | 220,045 | - | $(19,239)$ | $(27,870)$ | (379,216) |
| Gross Income | 1,103,977 | - | 220,045 | - | $(19,239)$ | $(27,866)$ | 1,276,916 |
| Operating Expenses | $(853,482)$ | - | . | 71,008 | 88,624 | 82,519 | $(611,331)$ |
| Selling Expenses | (170,346) | - | - | - | 1,376 | 28,961 | $(140,009)$ |
| Provision for Doubtful Accounts | $(187,481)$ | - | - | - | - | 598 | $(186,883)$ |
| Personnel Expenses | - | - | - | - | - | (124,623) | $(124,623)$ |
| General and Administrative Expenses | (475,585) | - | - | 71,008 | 67,581 | 243,340 | $(93,656)$ |
| Other Operating Income (Expenses) | $(18,899)$ | - | - | - | 19,667 | (768) | - |
| Corporate Expenses | - | - | - | - | - | $(65,107)$ | $(65,107)$ |
| Equity | (1,171) | - | - | - | - | 117 | $(1,054)$ |
| Income before Financial Result | 250,495 | - | 220,045 | 71,008 | 69,385 | 54,653 | 665,585 |
| Interest and Penalties on Tuition | - | 28,265 | - | - | - | - | 28,265 |
| Adjusted EBITDA | 250,495 | 28,265 | 220,045 | 71,008 | 69,385 | 54,653 | 693,850 |
| (-) Nonrecurring itens | - | - | - | - | $(69,085)$ | - | $(69,085)$ |
| Depreciation and Amortization | - | - | $(220,045)$ | $(71,008)$ | - | (54,783) | $(345,835)$ |
| Financial Result | $(191,555)$ | $(28,265)$ | - | . | (300) | 620 | $(219,500)$ |
| Financial Expenses | (262,414) | - | - | - | (300) | 620 | $(262,094)$ |
| Financial Revenues | 70,859 | $(28,265)$ | - | - | - | - | 42,594 |
| Income from Operations | 58,940 | - | - | - | (0) | 490 | 59,430 |
| Income and Social Contribution Tax | 80,898 | $\cdot$ | - | - | - | - | 80,898 |
| Current | 4,851 | - | - | - | - | - | 4,851 |
| Deferred | 76,047 | - | - | - | - | - | 76,047 |
| Participation of Minority Shareholders | (5,095) | - | - | - | - | 4,347 | (748) |
| Net Income | 134,743 | - | - | - | (0) | 4,838 | 139,581 |

APPENDIX 3 - FULL YEAR INCOME STATEMENT RECONCILIATION

|  |  |  | Non-accoun | ng adjustments |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { 1H19 } \\ \text { Results (Book) } \end{gathered}$ | Interest and Penalifies on Tuition | Depreciation \& Amorization <br> usand reais, ex | Intangible Amorization (Acquisitions) <br> ept otherwise inc | Non-recurring Items/ Capital Gain <br> cated) | Reclassification between Costs and expenses | 1H19 Results (Release) |
| Gross Revenue | 4,509,692 | - | - | - | - | $(2,005)$ | 4,507,687 |
| Postsecondary | 3,437,217 | - | - | - | - | (0) | 3,437,217 |
| Primary and Secondary | 1,072,475 | - | - | - | - | $(2,004)$ | 1,070,471 |
| Deductions from Gross Revenue | $(928,230)$ | - | - | - | - | - | $(928,230)$ |
| Postsecondary | $(755,046)$ | - | - | - | - | - | $(755,046)$ |
| Primary and Secondary | $(173,184)$ | - | - | - | - | - | $(173,184)$ |
| Net Revenue | 3,581,462 | - | - | - | - | $(2,005)$ | 3,579,457 |
| Postsecondary | 2,682,171 | - | - | - | - | (0) | 2,682,171 |
| Primary and Secondary | 899,291 | - | - | - | - | $(2,004)$ | 897,287 |
| Costs of Goods/Services | $(1,320,617)$ | - | 446,543 | - | 6,190 | $(27,762)$ | $(895,645)$ |
| Cost of Goods Sold | $(206,784)$ | - | - | - | - | 519 | $(206,265)$ |
| Cost of Services Rendered | $(1,113,833)$ | - | 446,543 | - | 6.190 | $(28,281)$ | $(689,380)$ |
| Gross Income | 2,260,845 | - | 446,543 | - | 6,190 | $(29,766)$ | 2,683,812 |
| Operating Expenses | $(1,616,721)$ | - | - | 135,827 | 118,595 | 84,442 | $(1,277,857)$ |
| Selling Expenses | (310,511) | - | - | - | 2,116 | (597) | $(308,992)$ |
| Provision for Doubfful Accounts | $(398,353)$ | - | - | - | - | 598 | $(397,755)$ |
| Personnel Expenses | - | - | - | - | - | (253,729) | $(253,729)$ |
| General and Administrative Expenses | $(890,826)$ | - | - | 135,827 | 96,813 | 478,234 | $(179,952)$ |
| Other Operating Income (Expenses) | $(16,437)$ | - | - | - | 19,667 | $(3,230)$ | - |
| Corporate Expenses | - | - | - | - | - | $(136,952)$ | $(136,952)$ |
| Non recurring items | (594) | - | - | - | - | 117 | (477) |
| Income before Financial Result | 644,124 | - | 446,543 | 135,827 | 124,786 | 54,675 | 1,405,955 |
| Interest and Penalties on Tuition | - | 94,416 | - | - | - | - | 94,416 |
| Adjusted EBITDA | 644,124 | 94,416 | 446,543 | 135,827 | 124,786 | 54,675 | 1,500,371 |
| (-) Nonrecurring itens | - | - | - | - | - | - | - |
| Depreciation and Amortization | - | - | - | - | (124,786) | - | $(124,786)$ |
| Other Operating Revenues (Expenses) | - | - | $(446,543)$ | $(135,827)$ | - | (54,783) | $(637,153)$ |
| Financial Result | $(328,698)$ | $(94,416)$ | - | - | - | 620 | $(422,493)$ |
| Financial Expenses | $(507,769)$ | - | - | - | - | 620 | (507,149) |
| Financial Revenues | 179,071 | (94,416) | - | - | - | - | 84,655 |
| Income from Operations | 315,426 | - | - | - | - | 513 | 315,939 |
| Income and Social Contribution Tax | 74,561 | - | - | - | - | - | 74,561 |
| Current | $(48,389)$ | - | - | - | - | - | $(48,389)$ |
| Deferred | 122,950 | - | - | - | - | - | 122,950 |
| Participation of Minority Shareholders | 6,813 | - | - | - | - | $(7,332)$ | (519) |
| Net Income | 396,800 | - | - | $\cdot$ | - | $(6,819)$ | 389,981 |

APPENDIX 4 - QUARTERLY INCOME STATEMENT

|  | (In thousand reais, except otherwise indicated) |  |  |  |  |  |  | / 1Q19 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Revenue | 2,209,477 | 126.8\% | 2,036,155 | 133.4\% | 8.5\% | 2,300,215 | 125.1\% | -3.9\% |
| Postsecondary | 1,752,624 | 100.6\% | 1,979,940 | 129.7\% | -11.5\% | 1,684,593 | 91.6\% | 4.0\% |
| Primary and Secondary | 456,853 | 26.2\% | 56,215 | 3.7\% | 712.7\% | 615,622 | 33.5\% | -25.8\% |
| Deductions from Gross Revenue | $(467,122)$ | -26.8\% | $(509,882)$ | -33.4\% | -8.4\% | $(461,108)$ | -25.1\% | 1.3\% |
| Postsecondary | $(373,701)$ | -21.4\% | $(503,458)$ | -33.0\% | -25.8\% | $(381,345)$ | -20.7\% | -2.0\% |
| Primary and Secondary | $(93,421)$ | -5.4\% | $(6,424)$ | -0.4\% | 1,354.2\% | $(79,763)$ | -4.3\% | 17.1\% |
| Net Revenue | 1,742,355 | 100.0\% | 1,526,273 | 100.0\% | 14.2\% | 1,839,107 | 100.0\% | -5.3\% |
| Postsecondary | 1,378,923 | 79.1\% | 1,476,482 | 96.7\% | -6.6\% | 1,303,248 | 70.9\% | 5.8\% |
| Primary and Secondary | 363,432 | 20.9\% | 49,791 | 3.3\% | 629.9\% | 535,859 | 29.1\% | -32.2\% |
| Costs of Goods/Services | $(638,378)$ | -36.6\% | $(592,377)$ | -38.8\% | 7.8\% | $(682,239)$ | -37.1\% | -6.4\% |
| Cost of Goods Sold | $(86,226)$ | -4.9\% | $(10,386)$ | -0.7\% | 730.2\% | $(120,558)$ | -6.6\% | -28.5\% |
| Cost of Services Rendered | $(552,152)$ | -31.7\% | $(581,991)$ | -38.1\% | -5.1\% | $(561,681)$ | -30.5\% | -1.7\% |
| Gross Income | 1,103,977 | 63.4\% | 933,896 | 61.2\% | 18.2\% | 1,156,868 | 62.9\% | -4.6\% |
| Operating Expenses | $(853,482)$ | -49.0\% | $(514,904)$ | -33.7\% | 65.8\% | $(763,239)$ | -41.5\% | 11.8\% |
| Selling Expenses | $(357,827)$ | -20.5\% | $(303,029)$ | -19.9\% | 18.1\% | $(351,037)$ | -19.1\% | 1.9\% |
| General and Administrative Expenses | $(475,585)$ | -27.3\% | $(206,078)$ | -13.5\% | 130.8\% | $(415,241)$ | -22.6\% | 14.5\% |
| Other Operating Income (Expenses) | $(18,899)$ | -1.1\% | $(5,797)$ | -0.4\% | 226.0\% | 2,462 | 0.1\% | n.a. |
| Equity in the results of investees | $(1,171)$ | -0.1\% | - | 0.0\% | n.a. | 577 | 0.0\% | n.a. |
| Income before Financial Result | 250,495 | 14.4\% | 418,992 | 27.5\% | -40.2\% | 393,629 | 21.4\% | -36.4\% |
| Financial Result | $(191,555)$ | -11.0\% | 46,379 | 3.0\% | n.a. | $(137,143)$ | -7.5\% | 39.7\% |
| Financial Expenses | $(262,414)$ | -15.1\% | $(19,079)$ | -1.3\% | n.a. | $(245,355)$ | -13.3\% | n.a. |
| Financial Revenues | 70,859 | 4.1\% | 65,458 | 4.3\% | 8.3\% | 108,212 | 5.9\% | n.a. |
| Income from Operations | 58,940 | 3.4\% | 465,371 | 30.5\% | -87.3\% | 256,486 | 13.9\% | -77.0\% |
| Income and Social Contribution Tax | 80,898 | 4.6\% | 1,976 | 0.1\% | n.a. | $(6,337)$ | -0.3\% | n.a. |
| Current | 4,851 | 0.3\% | $(21,705)$ | -1.4\% | n.a. | $(53,240)$ | -2.9\% | n.a. |
| Deferred | 76,047 | 4.4\% | 23,681 | 1.6\% | 221.1\% | 46,903 | 2.6\% | 62.1\% |
| Net Income | 139,838 | 8.0\% | 467,347 | 30.6\% | -70.1\% | 250,149 | 13.6\% | -44.1\% |
| Non-controlling interests | $(5,095)$ | -0.3\% | - | 0.0\% | n.a. | 11,908 | 0.6\% | n.a. |

APPENDIX 5 - FULL YEAR CORPORATE INCOME STATEMENT

|  | $1 \mathrm{H19}$ | Net Rev. <br> and reais | 1H18 <br> xcept otherw | \% Net Rev. 1H19 / 1H18 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Revenue | 4,509,692 | 125.9\% | 3,793,981 | 131.3\% | 18.9\% |
| Postsecondary | 3,437,217 | 96.0\% | 3,689,763 | 127.7\% | -6.8\% |
| Primary and Secondary | 1,072,475 | 29.9\% | 104,218 | 3.6\% | 929.1\% |
| Deductions from Gross Revenue | $(928,230)$ | -25.9\% | $(904,383)$ | -31.3\% | 2.6\% |
| Postsecondary | $(755,046)$ | -21.1\% | $(885,965)$ | -30.7\% | -14.8\% |
| Primary and Secondary | $(173,184)$ | -4.8\% | $(18,418)$ | -0.6\% | 840.3\% |
| Net Revenue | 3,581,462 | 100.0\% | 2,889,598 | 100.0\% | 23.9\% |
| Postsecondary | 2,682,171 | 74.9\% | 2,803,798 | 97.0\% | -4.3\% |
| Primary and Secondary | 899,291 | 25.1\% | 85,800 | 3.0\% | 948.1\% |
| Costs of Goods/Services | $(1,320,617)$ | -36.9\% | $(1,082,928)$ | -37.5\% | 21.9\% |
| Cost of Goods Sold | $(206,784)$ | -5.8\% | $(15,480)$ | -0.5\% | 1,235.8\% |
| Cost of Services Rendered | $(1,113,833)$ | -31.1\% | $(1,067,448)$ | -36.9\% | 4.3\% |
| Gross Income | 2,260,845 | 63.1\% | 1,806,670 | 62.5\% | 25.1\% |
| Operating Expenses | $(1,616,721)$ | -45.1\% | $(962,061)$ | -33.3\% | 68.0\% |
| Selling Expenses | $(708,864)$ | -19.8\% | $(578,124)$ | -20.0\% | 22.6\% |
| General and Administrative Expenses | $(890,826)$ | -24.9\% | $(377,410)$ | -13.1\% | 136.0\% |
| Other Operating Income (Expenses) | $(16,437)$ | -0.5\% | $(6,527)$ | -0.2\% | 151.8\% |
| Equity in the results of investees | (594) | -0.0\% | - | 0.0\% | n.a. |
| Income before Financial Result | 644,124 | 18.0\% | 844,609 | 29.2\% | -23.7\% |
| Financial Result | $(328,698)$ | -9.2\% | 105,593 | 3.7\% | n.a. |
| Financial Expenses | $(507,769)$ | -14.2\% | $(29,769)$ | -1.0\% | 1,605.7\% |
| Financial Revenues | 179,071 | 5.0\% | 135,362 | 4.7\% | 32.3\% |
| Income from Operations | 315,426 | 8.8\% | 950,202 | 32.9\% | -66.8\% |
| Income and Social Contribution Tax | 74,561 | 2.1\% | $(7,440)$ | -0.3\% | n.a. |
| Current | $(48,389)$ | -1.4\% | $(42,086)$ | -1.5\% | 15.0\% |
| Deferred | 122,950 | 3.4\% | 34,646 | 1.2\% | 254.9\% |
| Net Income | 389,987 | 10.9\% | 942,762 | 32.6\% | -58.6\% |
| Non-controlling interests | 6,813 | 0.2\% | - | 0.0\% | n.a. |

## APPENDIX 6 - CASH FLOW STATEMENT

| R\$ 000 | 2Q19 | 2Q18 | 1Q19 |
| :---: | :---: | :---: | :---: |
| Net Income before Income Taxes | 58,941 | 465,371 | 256,485 |
| Net Income (Loss) Adjustments before Income Taxes |  |  |  |
| Depreciation and Amortization | 361,516 | 103,092 | 233,118 |
| Depreciation Capex Editorial | 20,552 | - | 21,967 |
| Provision for Doubtful Accounts | 187,481 | 182,770 | 210,872 |
| Provision for Tax, Labor and Civil Losses | $(30,795)$ | $(14,829)$ | $(29,506)$ |
| Provision (Reversal) for Invetories Losses | 11,436 | (72) | 2,145 |
| Financial Charges | 153,349 | 7,824 | 145,185 |
| Income from Securities | $(9,837)$ | $(12,244)$ | $(33,887)$ |
| Grant of Stock Options | $(5,023)$ | 802 | 1,671 |
| Income from disposal of subsidiaries | - | - | - |
| Income from sale or disposal of assets and other investments | 17,377 | 5,684 | 8,177 |
| Result of Equity Restatement | 1,171 | - | (577) |
| Changes in Working Capital | $(460,123)$ | $(304,304)$ | $(936,038)$ |
| (Increase) Reduction in Accounts Receivable (ex-FIES) | $(371,362)$ | $(391,264)$ | $(390,517)$ |
| (Increase) Reduction in Accounts Receivable FIES | 95,303 | $(17,378)$ | $(151,792)$ |
| (Increase) Reduction in Inventories | $(79,187)$ | 3,812 | $(21,722)$ |
| (Increase) Reduction in Advances | $(6,488)$ | $(27,044)$ | $(14,348)$ |
| (Increase) Reduction in Recoverable Taxes | $(5,175)$ | - | $(16,490)$ |
| (Increase) Decrease in Escrow Deposits | $(6,268)$ | $(2,571)$ | 6,075 |
| Increase (Decrease) in Other Assets | 42,570 | $(67,961)$ | $(35,841)$ |
| Increase (Reduction) in Suppliers | $(132,995)$ | 196,729 | $(35,874)$ |
| Increase (Decrease) in Payroll and Related Taxes | 31,847 | 58,185 | $(40,487)$ |
| Increase (Decrease) in Fiscal Obligations | 84,000 | 4,995 | $(131,276)$ |
| Increase (Decrease) in Advances to Clients | $(34,361)$ | 18,362 | $(6,701)$ |
| (Decrease) in Taxes Installments | $(2,057)$ | $(4,087)$ | $(2,878)$ |
| (Decrease) in Provision for Tax, Labor and Civil Losses | $(49,457)$ | $(28,188)$ | $(37,212)$ |
| Increase (Decrease) in Other Liabilities | $(26,494)$ | $(47,894)$ | $(56,975)$ |
| Income Tax and Social Contribution | $(44,506)$ | $(8,369)$ | $(2,774)$ |
| Capex | $(120,632)$ | $(107,659)$ | $(106,637)$ |
| Additions to Fixed Assets | $(64,730)$ | $(44,348)$ | $(25,219)$ |
| Additions to Intangible Assets | $(55,902)$ | $(63,311)$ | $(81,418)$ |
| Cash Flow from Operating Activities after Capex - Recurring | 140,907 | 318,066 | $(229,799)$ |
| Capex - Special Projects | $(52,820)$ | $(55,094)$ | $(45,175)$ |
| Brownfields | $(52,820)$ | $(55,094)$ | $(45,175)$ |
| Cash Flow from Operating Activities after total Capex | 88,087 | 262,972 | $(274,973)$ |
| (+) M\&A Activities | $(1,741,676)$ | $(107,093)$ | $(61,370)$ |
| Acquisition of subsidiaries | $(1,741,676)$ | $(105,652)$ | $(61,370)$ |
| Accounts Receivable from former owners | - | (898) | - |
| M\&A Costs and Expenses | - | (543) | - |
| (+) Cash Flow from Financing Activities | 657,821 | $(564,010)$ | $(252,221)$ |
| Sale (Acquisition) of Treasury Shares | 10,358 | $(203,770)$ | - |
| Capital Increase, Net of Issuance Costs | - | 1,619 | - |
| Debentures Issuance | 797,786 | - | - |
| Borrowings and financing | - | - | - |
| Payments of Borrowings and Financing | $(20,891)$ | $(22,701)$ | (593) |
| Interest Paid on Borrowings and Debentures | $(1,693)$ | $(9,635)$ | $(267,393)$ |
| Redemption (Investment) of Securities | 11,552 | 12,410 | 26,657 |
| Refis Payment | (366) | (348) | (378) |
| Bank and Charges Fees | $(5,389)$ | $(12,479)$ | $(10,515)$ |
| Payment of Dividends | $(133,535)$ | $(329,106)$ | - |
| (=) Cash Flow from Non-Operating Activities | $(1,083,855)$ | $(671,103)$ | $(313,592)$ |
| Total Cash Generation | $(995,768)$ | $(408,131)$ | $(588,565)$ |
| Net Increase (Decrease) in Cash and Cash Equivalents |  |  |  |
| Cash and Cash Equivalents at the Start of the Period | 1,995,316 | 1,535,877 | 2,583,881 |
| Cash and Cash Equivalents at the End of the Period | 999,548 | 1,127,746 | 1,995,316 |
| Net Increase (Decrease) in Cash and Cash Equivalents | $(995,768)$ | $(408,131)$ | $(588,565)$ |

