







2. Types of cash flows

Free cash flow or Free cash flow to the equity

- + Net profit
- + Amortizations & Depreciations
- + Provisions
- + Impairments
- +/- Regularizations
- Increase of working capital requirements
- Capex/(+) Divestments
- + New loans
- Reimbursement of capital loans

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- + Operational income
- Tax on operational income
- = NOPAT (Net Operating Profit After Taxes)
- + Amortization and depreciation
- + Provisions
- + Impairment
- +/- Regularizations
- Increase of working capital requirements
- Capex (+) Divestments

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Value created by debt
GERAL FORMULA:
$VCD = L_0 - \sum_{i=1}^{n} \frac{FE_i (1-t) + LR_i}{(1+r)^i}$
IF $\mathbf{k}_d = \mathbf{r}$:
$VCD = \sum_{i=1}^{n} \frac{FE_i \times t}{(1+r)^i} = \sum_{i=1}^{T} \frac{FE_i \times t}{(1+r)^i} + \frac{TVCD_T}{(1+r)^T}$
VCD - value created by debt FE _i - financial expenses in year i t - tax rate LR _i - loan Reimbursement in year i r - market interest rate k _d - company interest rate
$\odot_{J.C.Neves, ISEG}$ TVCD _T = Terminal value created by debt at year T