

ISTIC-UNESCO Workshop
“Science, Engineering and Industry”

**The Engineer as Protagonist of a Change in the
Industrial Profile of LDC's (case of Argentina)**

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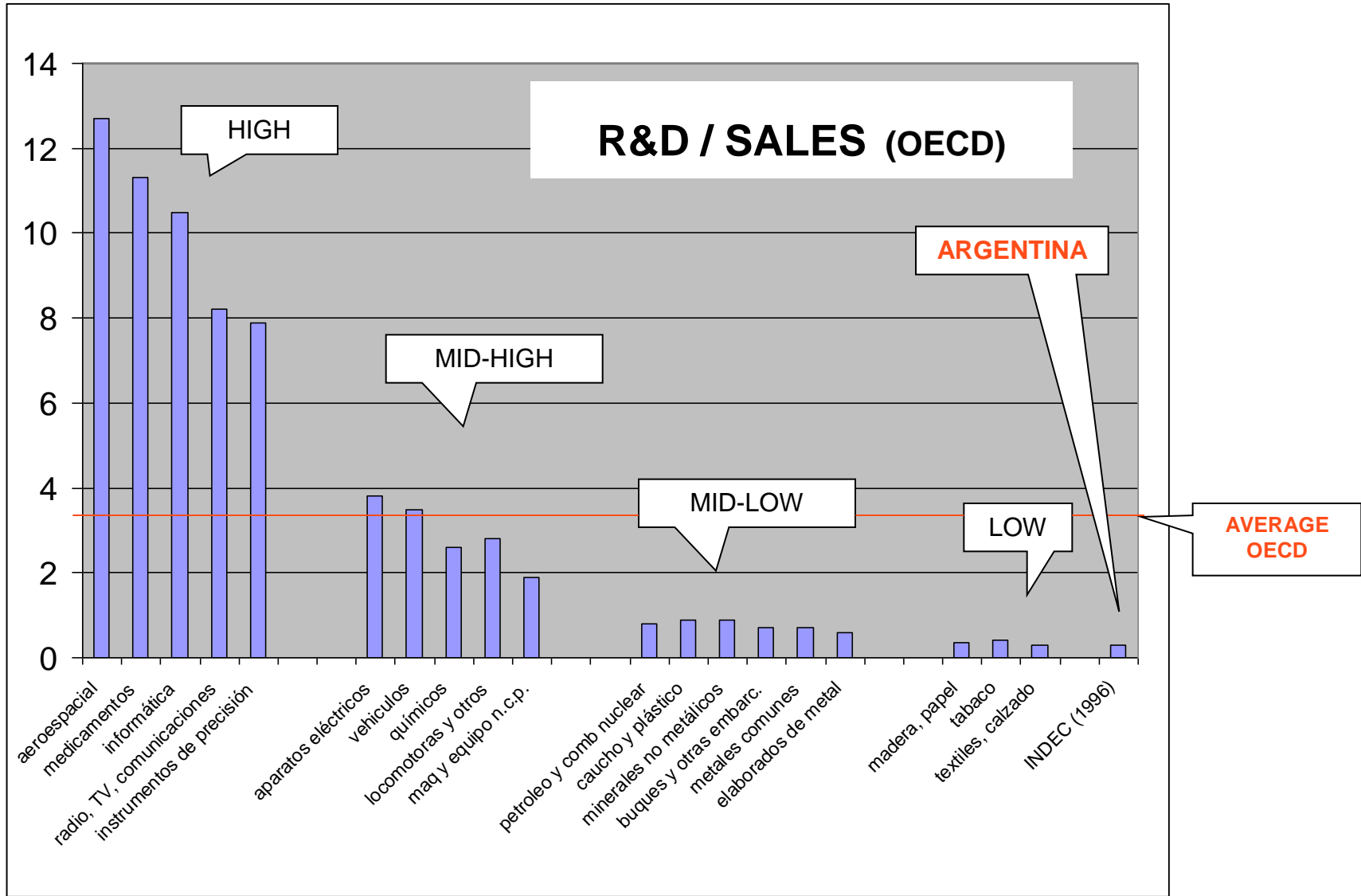
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Goal:

LDC'S, SUCH AS ARGENTINA, GAIN COMPETITIVENESS THROUGH THE USE OF KNOWLEDGE

How do we measure progress towards this goal?

USING R&D/SALES RATIOS IN THE PRIVATE SECTOR (how much companies spend in R&D in relation to their revenues)



How do we increment R&D/SALES?

TRAINING THE RIGHT PEOPLE

What profile?

**ADVANCED TECH ENGINEERS
CAPABLE OF CREATING THEIR OWN
COMPANIES (technologists and business men
at the same time from the start!)**

In the case of Argentina

What is needed to get to 60% of OECD level?

HIGH TECH COMPANIES (R&D/SALES > 10%) WITH SALES OF 12 BILLION U\$S

How many people we need?

ABOUT 4000

How much does it cost for a plan of 10 years?

ABOUT 220 MILLION U\$/YEAR

Not much considering...!!

(See South Korea example - KAIST)

THANKS