

## WHAT IS “PRODUCTION ENGINEERING”?

- Originally a classic engineering term (mechanical, civil, etc) with regards to factories
- The goal is to accomplish the production process in the smoothest, most-judicious and most-economic way





# WHAT IS “PRODUCTION ENGINEERING”?

- Scale and integrate resources.
- Usually required to consider physical, human and financial resources at high efficiency and low cost, yet considering the possibility of continuous further improvement
- Make proper use of math and statistics
  - Used to model production systems during decision making process
- Design, implement and refine products, services, processes and systems
  - Takes into consideration the constraints and particularities of the related communities

