João Castro

University of Porto
EE (Telecom, Electronic + Comp.)

IST
Engineering Design

MIT
Eng. Sys. Division

Sonae.com

Cisco Systems
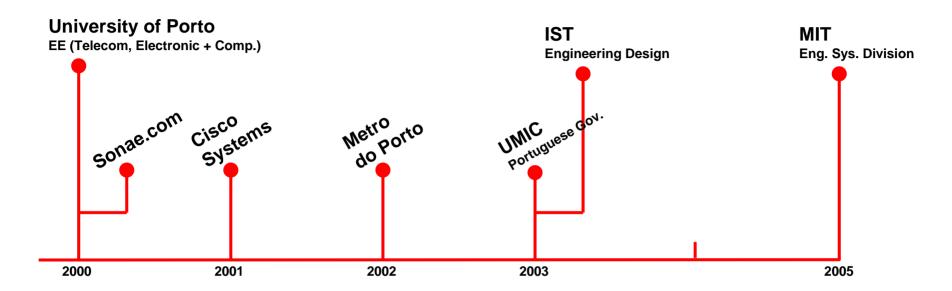
Metro do Porto

UMIC
Portuguese Gov.

| 2000 | 2001 | 2002 | 2003 | 2005 |

Typical observed approach:
1. design optimal solution without constraints,
2. recognize constraints,
3. adapt or deal with constraints

Hard problem:
Legacy. (replace it, even if it costs more!!)

Expertise:
Seniority (MdP),
Best-idea-wins (Sonae, UMIC)
Mix (Cisco).

Good design?
Sustainable.
but also "Fire and forget"

My choices:
Legacy is important
Systems with very large populations
Adaptability + Flexibility + Evolvability
  └ Propagation of change