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UNIVERSITÄT
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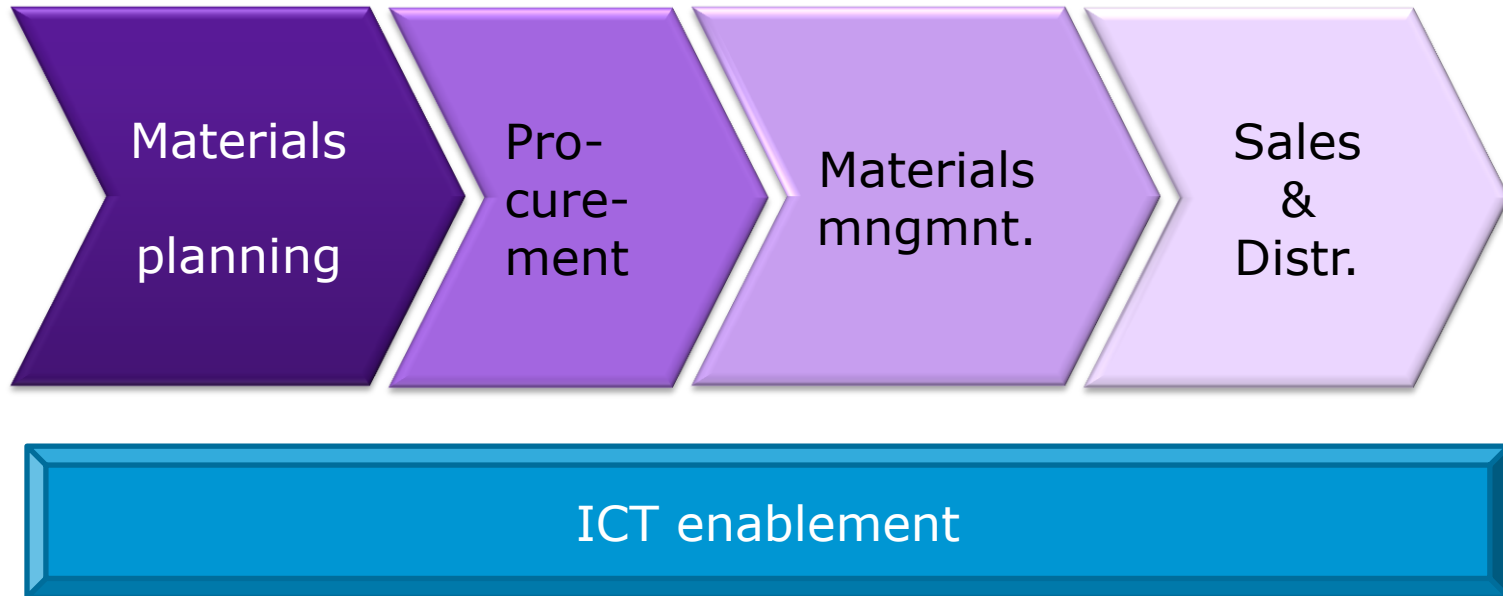
Taking Public Sector Education to the 21st Century

ERP Systems and the Public Sector

Alexander Prosser

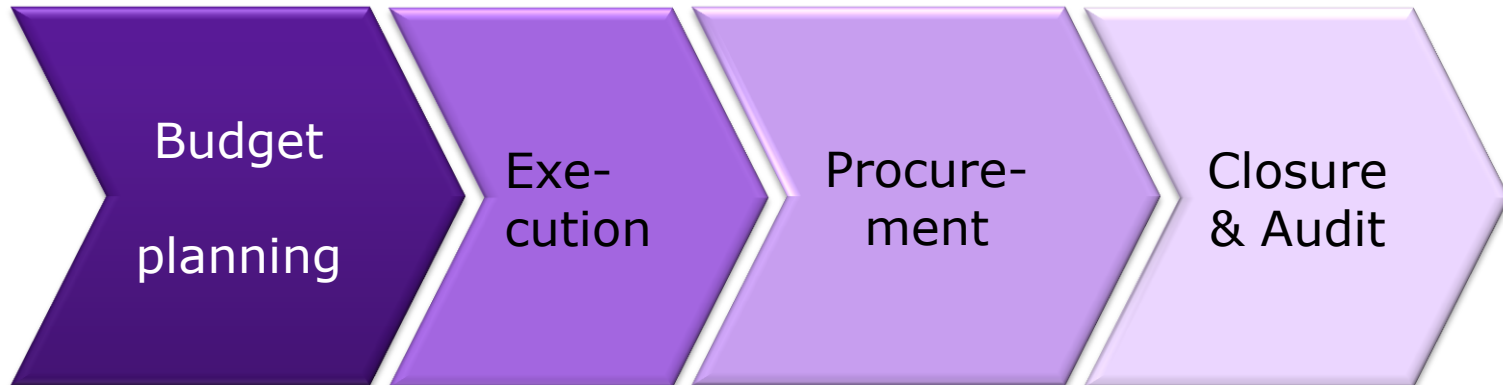
Business education

Processs and ICT enablement – It takes both to bake the cake.



No production or service company or utility could exist without
– and the public sector?

Administrative education ?

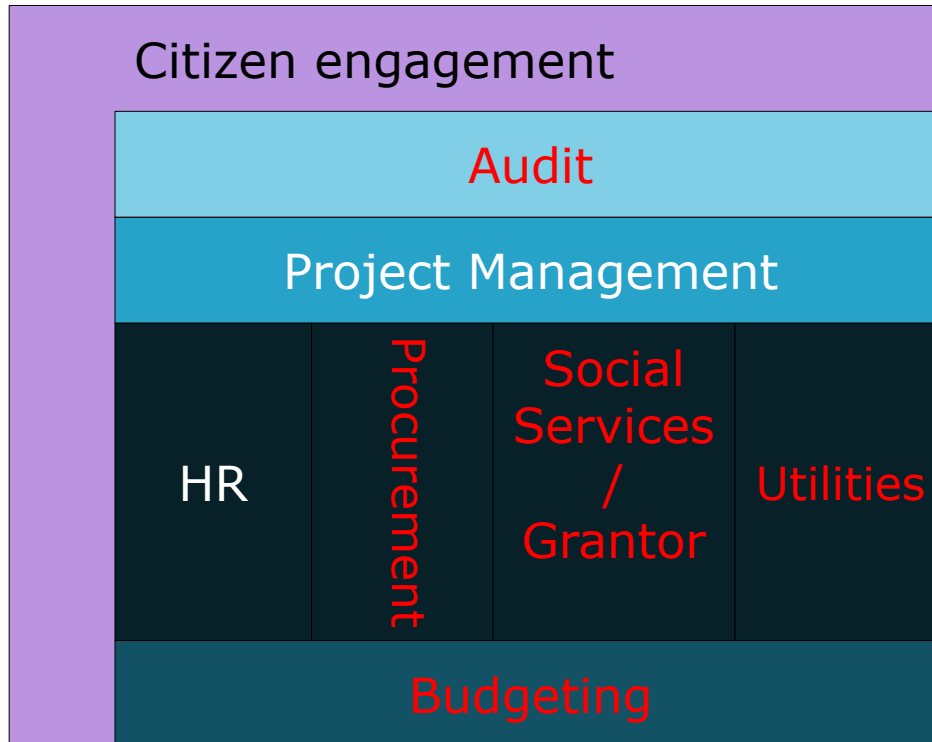


Public sector processes are different – **the challenge is not.**

... or more bluntly:

Do we really have to teach students subjects like Public-Sector Accounting paper-based, with the help of pocket calculators or MS Excel (quel luxe!), textbooks and blackboards because there is no common IT-system supporting processes in their entirety ?

Demopolis – The Big Picture

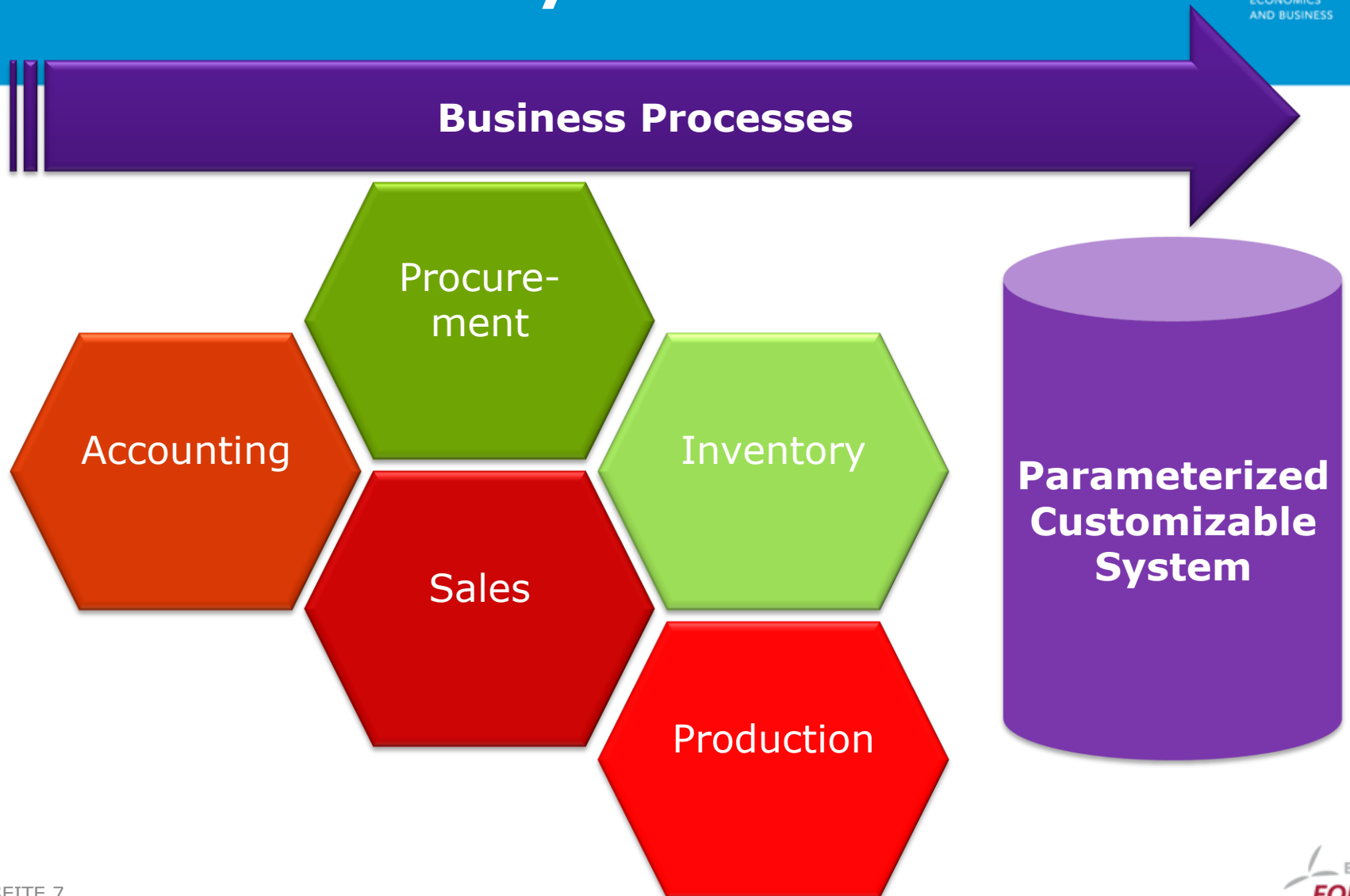


- Covers the areas in red
- ERP- and process-based
- Integrative
- Detailed case studies
- Covering main relevant areas

The Big Picture

- Original development partners:
 - University of Applied Sciences, Ludwigsburg
 - Center for eGovernance Development, Ljubljana
 - University of Economics and Business, Vienna
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- We gratefully acknowledge the support of:
 - Regional Cooperation Council, Sarajevo
 - Government of Moldova
 - University of Zagreb
 - SAP AG, Walldorf

What is an ERP system?



What is an ERP system?

Business Processes

One system flexible enough to cater for Volkswagen, Tesco and this hotel equally well.

1980: „This won't work!“

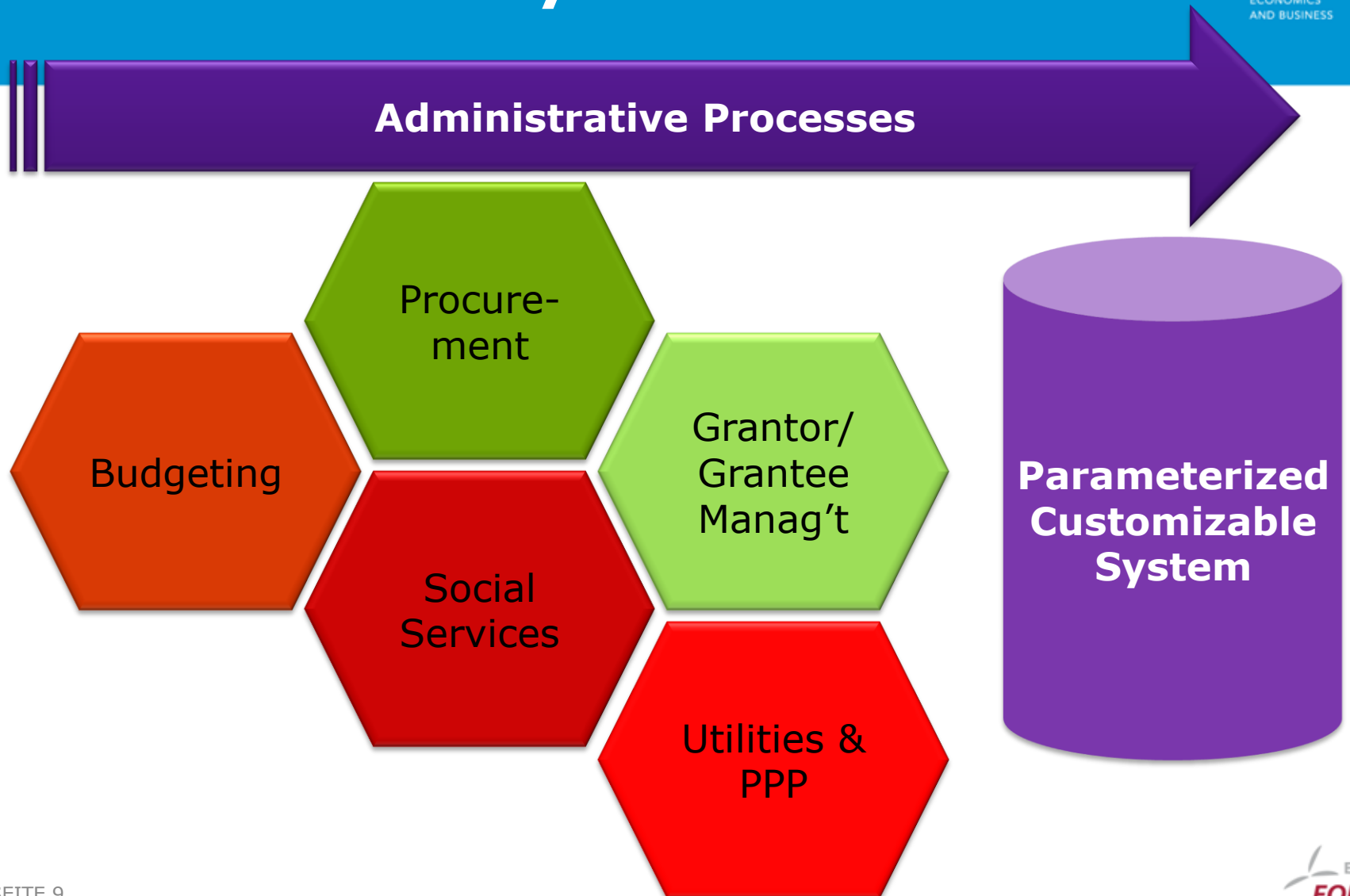
2000: „What else?“

Sales

Production

Parameterized
Customizable
System

What is an ERP system?



What is an ERP system?

Administrative Processes

One system flexible enough to cater for Republic of Moldova, City of Rome and Municipal Hospitals Vienna equally well.

1995: „This won't work!“

2015: ...

Social
Services

Utilities &
PPP

Parameterized
Customizable
System

Why?

AT saves 18 % of the whole federal purchases due to an integrated procurement system

DE utility companies must tell the consumer on energy bills how the energy was generated

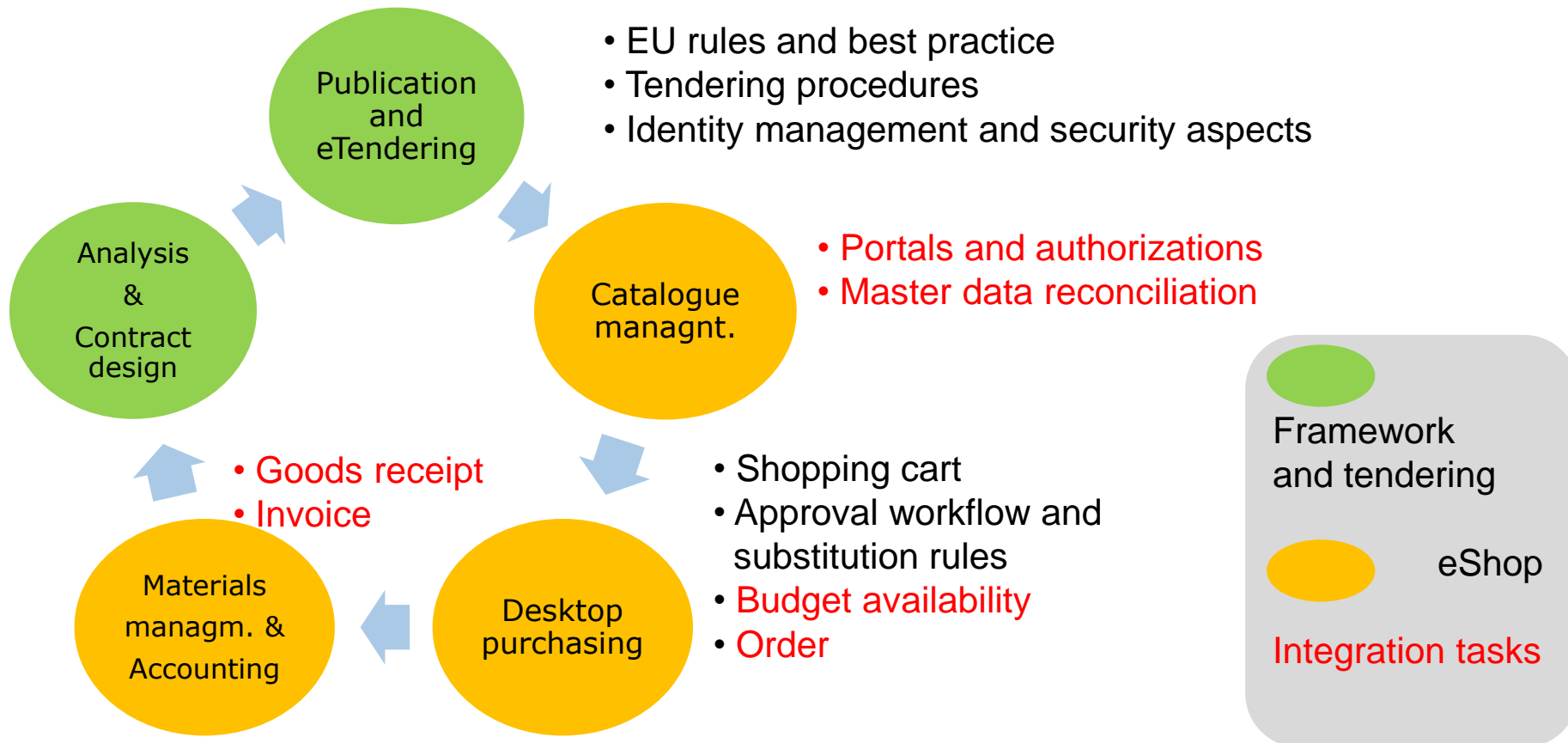
EU has made electronic invoicing mandatory (2018) on all levels of government

AT introduces financial and cost accounting in the entire public sector, enabling the pricing of individual public services

tbc ...

Example: eProcurement

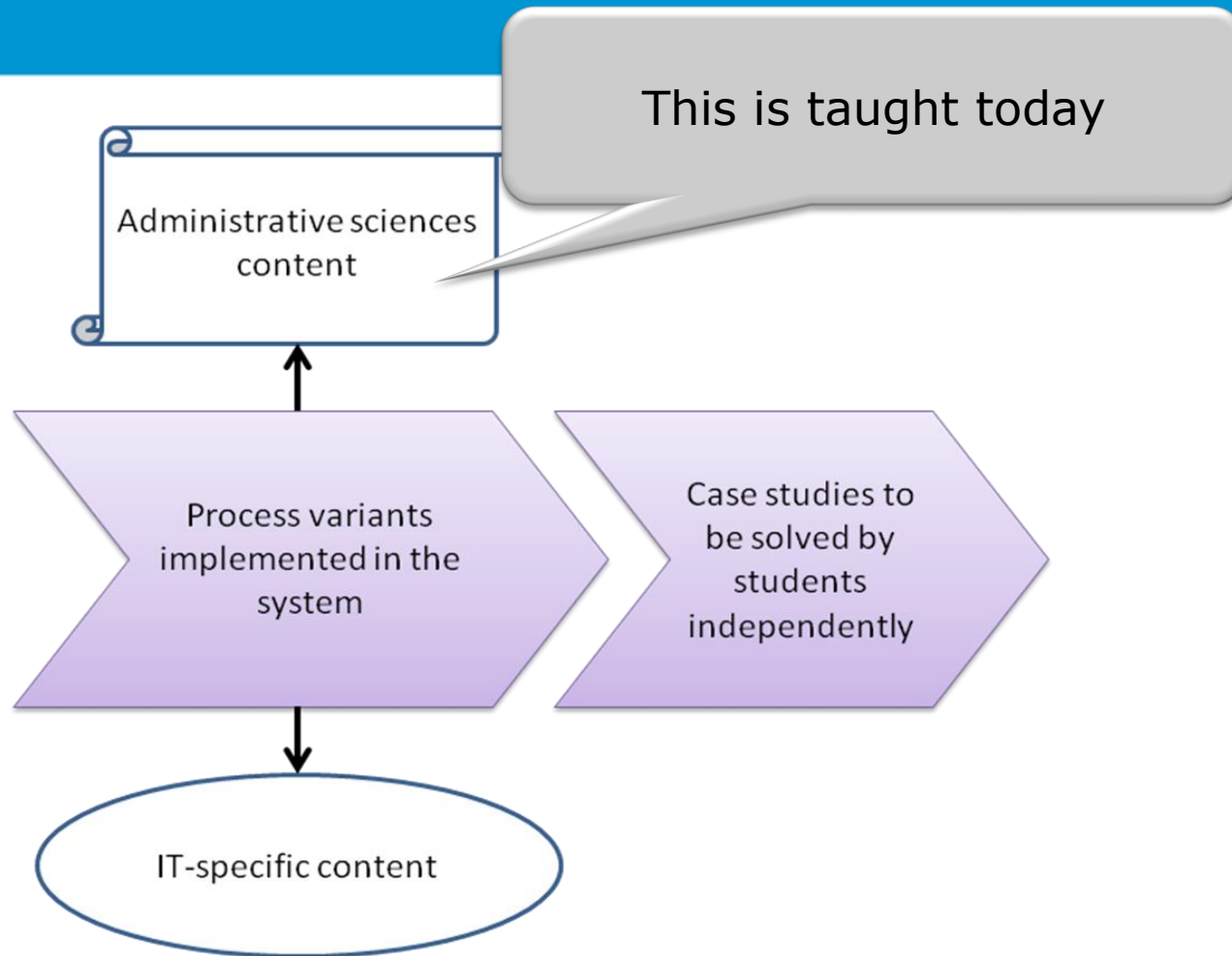
Framework contracting and eShop



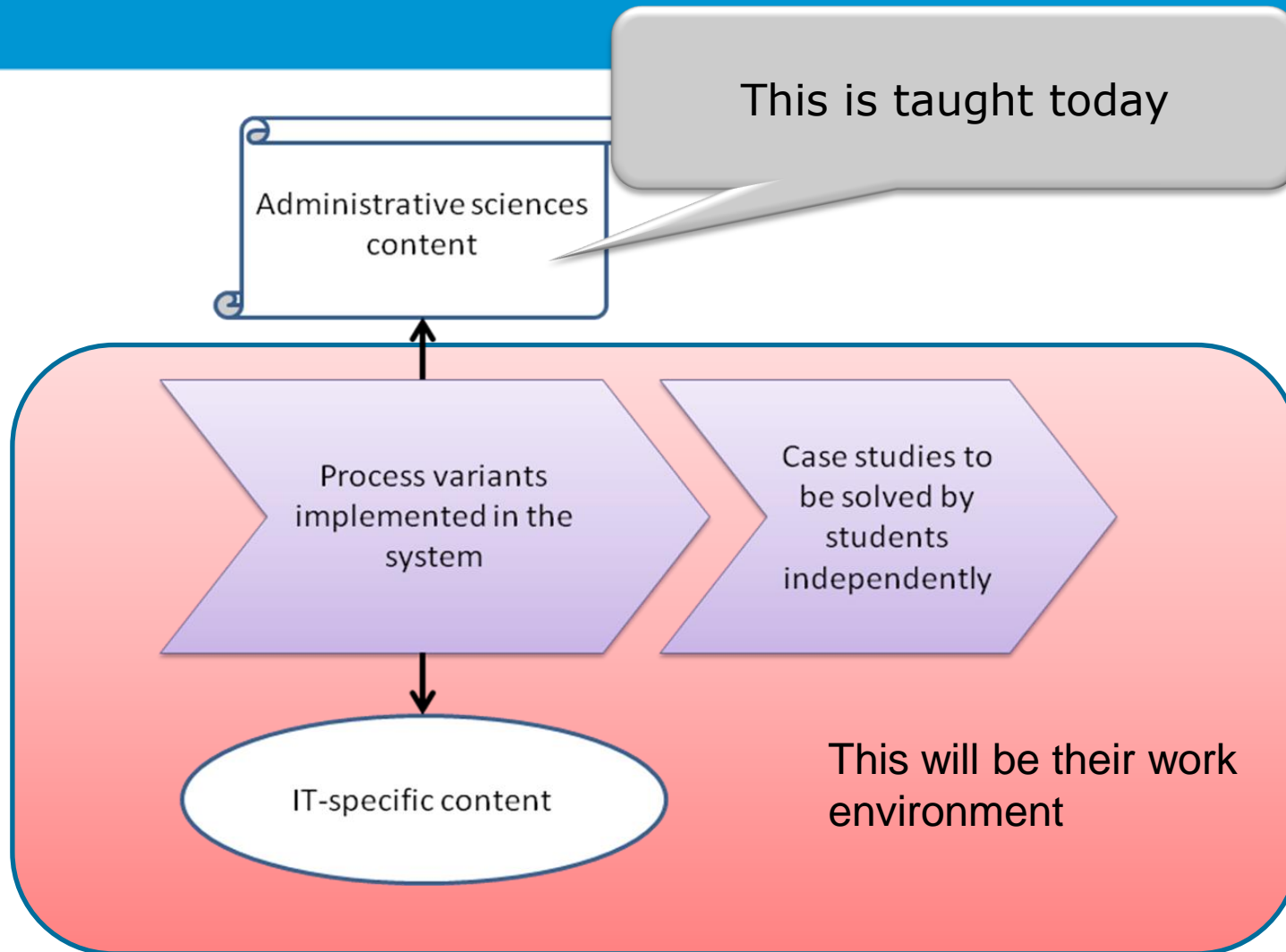
The challenge

We as universities have to respond to this new environment in our education.

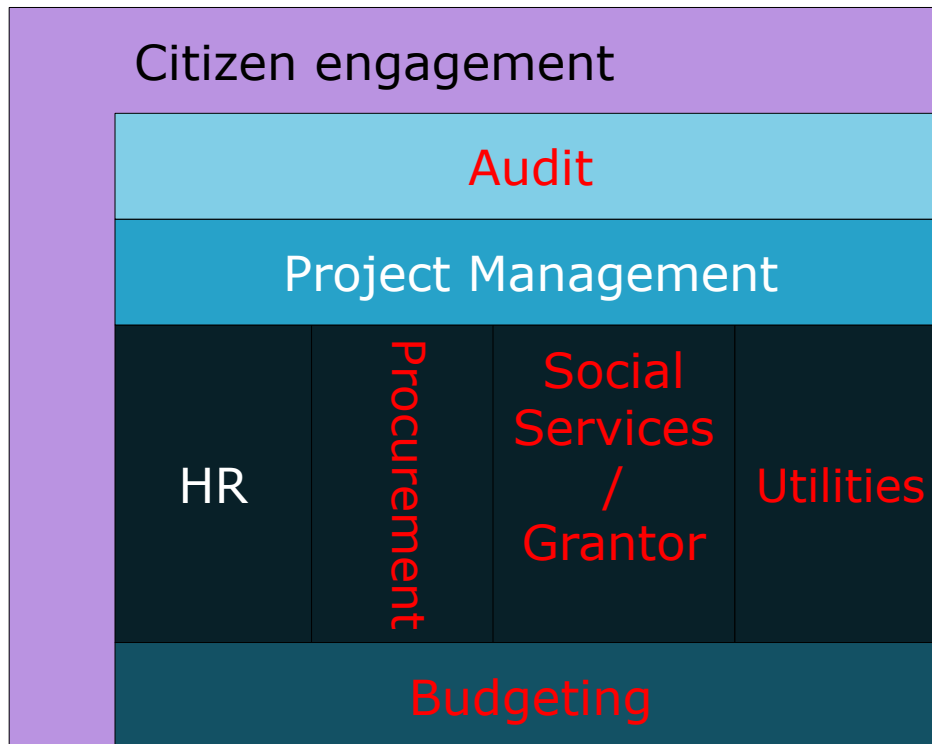
The challenge



The challenge



Demopolis – The Big Picture



<http://demo-polis.eu/>



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