Enable next generation Universities –
Academic excellence and administrative performance powered by affordable ICT

Werner Felger, Industry Director - Education & Research, SAP EMEA
June 2013

EUNIS RIGA 2013

A Distinguished Personality, Born in Riga

To understand is to perceive patterns.

Isaiah Berlin

Assumptions

1 Information & Communication Technologies (ICT) will make a fast growing contribution to Higher Education, **far beyond the support of the administrative processes**.

2 To keep ICT affordable along with growing demand, Higher Education will **rely on adopting more ICT practices from private sector** (eg system consolidation and more standardization).

3 Point solutions leading to information islands will gradually be consolidated into more **integrated although modular ICT landscapes** to match growing demand at affordable costs.

4 **On-premise and Cloud-based solutions will co-exist** to keep pace with business needs and trends, to optimize costs and to take data security into consideration.

Agenda

➢ **Situation**

➢ Implications

➢ Response

Stagnating Public Funding for more Students

EU-27 student numbers have increased by

20%

for the period 2000-2008 while public funding has been stagnating.

Source: European Commission - Modernisation of Higher Education in Europe: Funding and the Social Dimension 2011

Big Challenges to Solve

30%

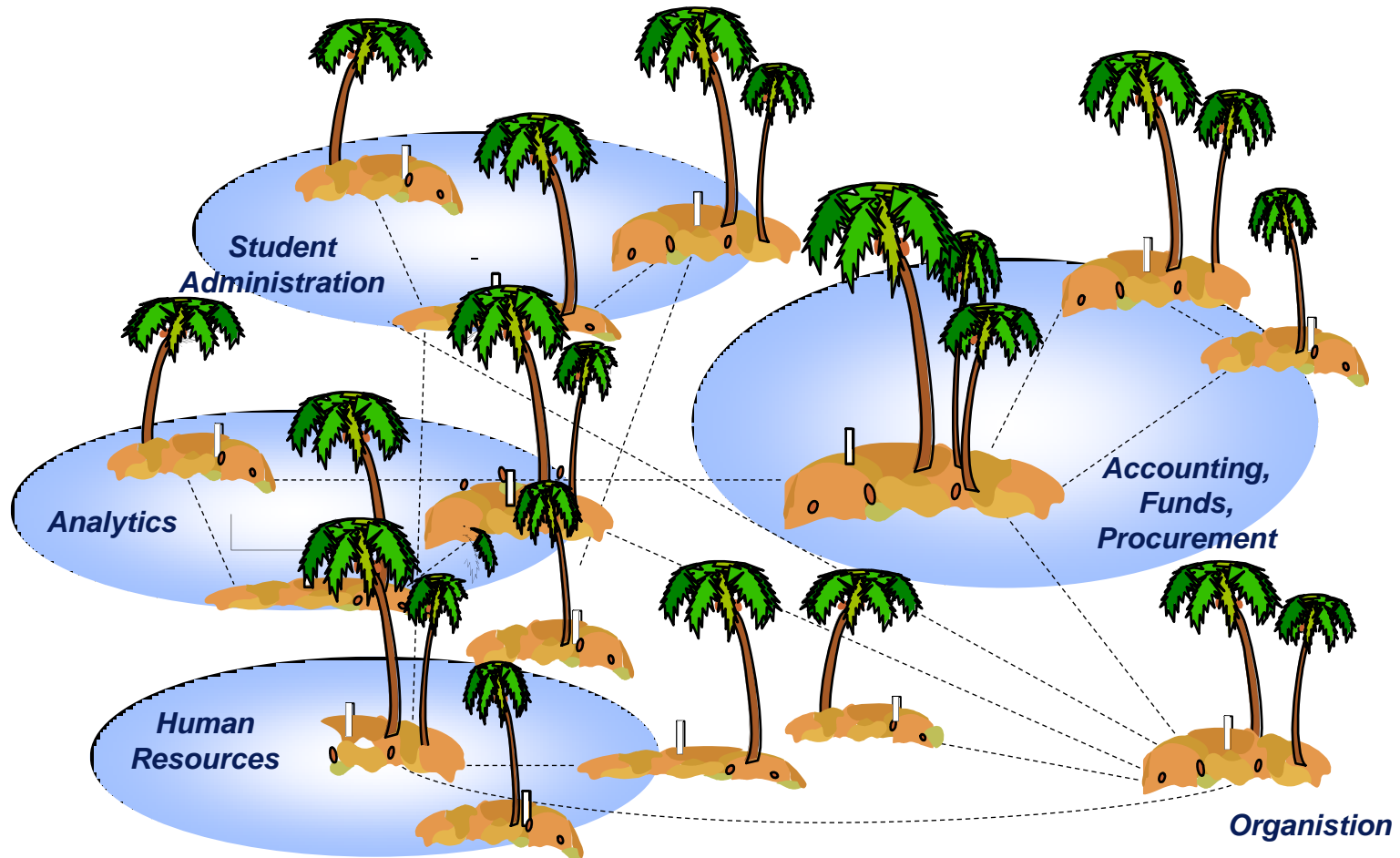## of students fail to graduate.

Source: OECD Education Today 2013

5 Global Technology Trends impacting Education

Trend #1	Trend #2	Trend #3	Trend #4	Trend #5
MOOC	E-Text books *)	Social networking	BYOD **)	Cloud

Source: the Chronicle of Higher Education & Educause

*) MOOC – « Massive Open Online Course » → elearnings on internet)
**) BYOD – « Bring your own device » → many device types and technologies)

Agenda

➢ Situation

➢ **Implications**

➢ Response

Lack in IT investments
Point Solutions leading to Information Islands

2013 IT Priorities
Leading to increasingly complex system landscapes

*Enabling **Academic Excellences** and **Administrative Performance** requests you adopting recent technologies,*

But

How many additional technologies can you cope with?

Top 10 CIO Priorities in 2013

1. Analytics, BI and Big data
2. Mobile technologies
3. Cloud computing
4. Collaboration technologies (workflows)
5. Legacy modernization
6. IT management
7. CRM
8. Virtualization
9. Security
10. ERP Applications

Source: **Gartner Executive Program Survey 2013**
http://www.gartner.com/newsroom/id/2304615

Mobility is here and we need to get prepared for it …

Close to

100%

of all students in Europe have internet access

and soon all of them will go mobile.

Agenda

➢ Situation

➢ Implications

➢ **Response**

« Next Generation Universities »

Academic Excellence

Powered by Affordable ICT

Administrative Performance

A harmonized business platform to run Higher Education better.

Applications

Run your business smarter, faster, and simpler, with an integrated suite of applications powered by SAP HANA.

Analytics

Explore and exploit data, find answers in real time, and make confident decisions.

Mobile

Unwire your business to deliver secure, real-time information – anytime, anywhere, to anyone, on any mobile device.

Database and Technology

Simplify your IT infrastructure dramatically and drive innovation.

Cloud

Capture the power of the cloud – while fully integrating with on-premise investments.

A real-time business platform

SAP for Higher Education & Research
A natively integrated although modular ICT Platform

- ✓ **Embedded best HER business practices**

- ✓ **Natively integrated**

- ✓ **Modular**

- ✓ **Real-time platform**

- ✓ **On-premise and On-demand**

- ✓ **Wireless**

Process Integration in Higher Education
At the example of Student Administration

Integration Scenarios

Student Administration (SIS)

←→ **Personnel Administration**
Unique personnel records
No multiple and potentially error prone data entry

←→ **Organizational Structure**
Unique organizational structure
Immediate availability of organizational changes

←→ **Accounting**
Tracing of receivables in detail by student and payments
Compliance with accounting rules without additional reconciliation

←→ **Procurement**
Seamless execution of purchase orders for learning material
Curricula planning integrated and assignment of lecturers integrated with contracting and payments

←→ **Grants Management**
Handle submission of bids for research projects
Manage third party funding for research project lifecycles

←→ **Real Estate Management**
Curricula planning integrated with room capacity and occupancy planning
Direct access to information from real property management

←→ **Access Control**
Central management of users, roles and access authorizations
Unique data entry for all management systems

Measurable Benefits

Efficient operations and resource management

Improved university ranking

Integrated and intuitive administrative management

Unwiring the campus for advanced communication

Superior student recruitment, retention, and service delivery

Strategic alignment of IT, business, and academic strategies and goals

Expanded revenue sources

Enterprise transparency across operations, research, and student management

Assumptions

1 Information & Communication Technologies (ICT) will make a fast growing contribution to Higher Education, **far beyond the support of the administrative processes**.

2 To keep ICT affordable along with growing demand, Higher Education will **rely on adopting more ICT practices from private sector** (eg system consolidation and more standardization).

3 Point solutions leading to information islands will gradually be consolidated into more **integrated although modular ICT landscapes** to match growing demand at affordable costs.

4 **On-premise and Cloud-based solutions will co-exist** to keep pace with business needs and trends, to optimize costs and to take data security into consideration.

More than 3,800 Education & Research organizations run SAP

A big Thank You to Riga Technical University

Questions?

Contact us.

Werner Felger
Industry Director - Education & Research
SAP EMEA
M +33 612 976 695
werner.felger@sap.com