

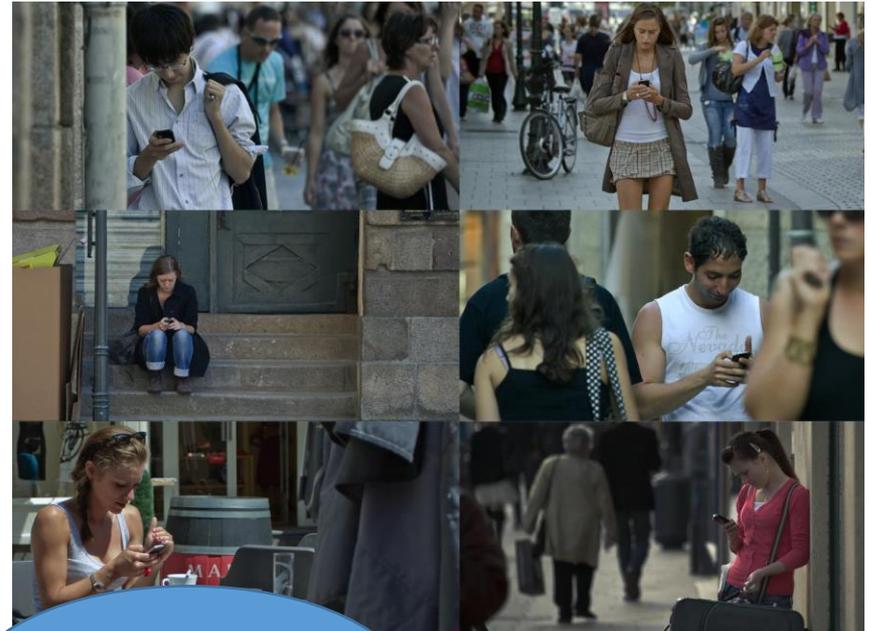
DCH-RP. Open innovation driven cocreation of new Platforms and Business Models for DCH powered business.

Lithuanian Art Museum. Sarunas Bagdonas.
2014.04.23 Tallinn.

Bridge the gap

PLATFORMS. Resources,
data, infrastructure, b2b
services

Herritage,
museum

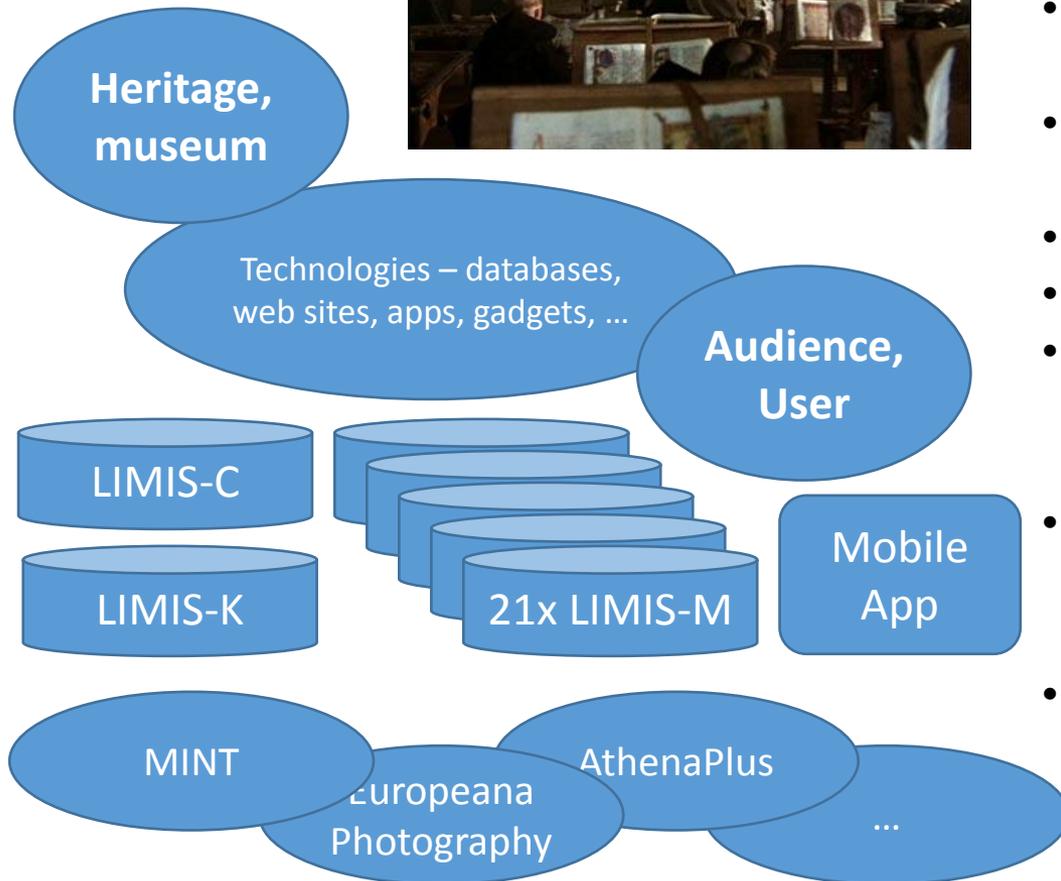


Audience,
user

BUSINESS. Applications,
Use Cases, b2c services,
trust , value.

LIMIS. Integrated Museums Information System of Lithuania

L M ● ● ●
I S C ● ● ●
L I M I S



- Central national database LIMIS-C. 350k exhibits from 63 museums.
- 21 regional database servers LIMIS-M
- Classifiers (ISO 2788:1986, 5964:1985, ..), ontologies, folksonomies
- Content transition toolset „museum -> LIMIS“
- Virtual exhibitions
- Cross platform mobile e-guide app
- EuropeanaPhotography 10k exhibits, AthenaPlus 4.6k exhibits

- No digitization for sake of digitization
- Use or abandone ..



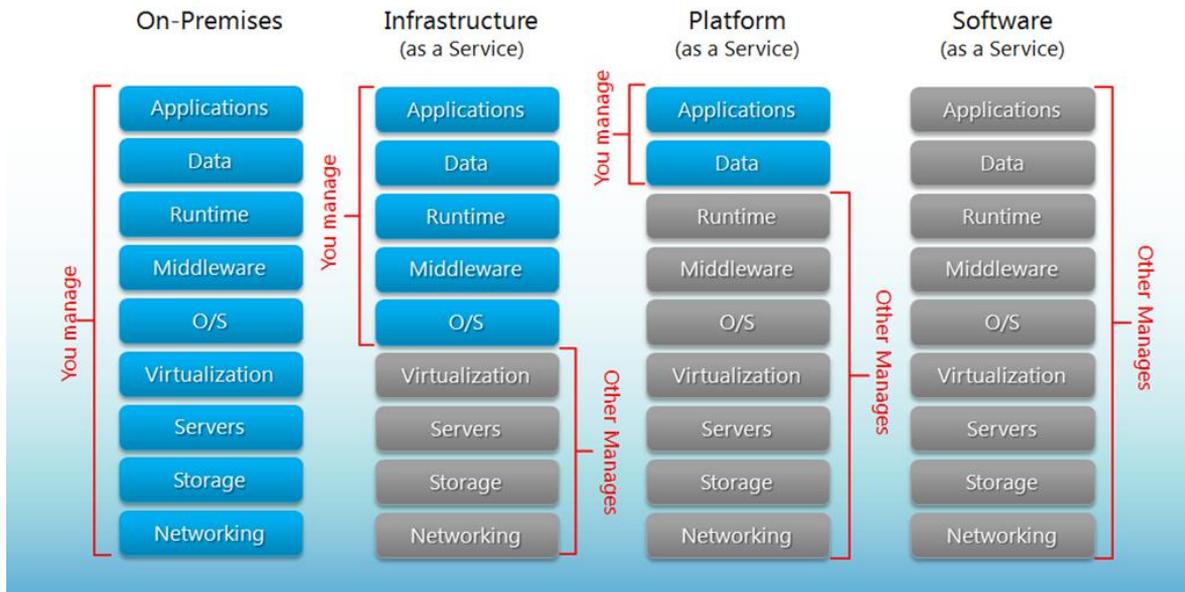
Technologies? Show me the user. Use cases. Services.

PLATFORMS



BUSINESS MODELS

IaaS, PaaS, SaaS. Who serves whom?



- LIMIS – SaaS for museums and users
- LitNET - LT National Research and Education Network
- LitGRID - LT National Grid Initiative
- DCH PaaS - services for digital cultural heritage
- Data
- Backup as a Service
- Combination of TOGAF and SCRUM

Idea

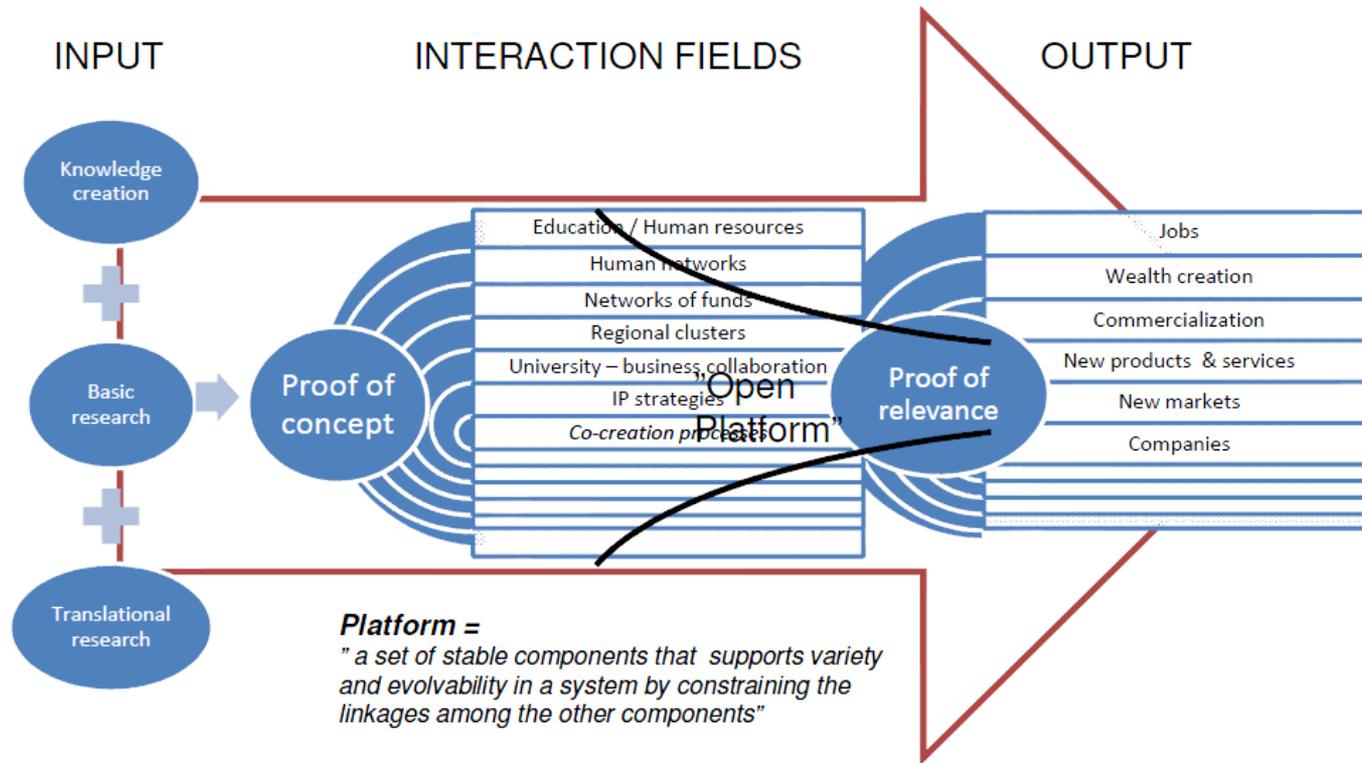
Research

Experimental
development

Development

Service

Lets develop patforms as a sets of reliable and relevant services



30.11.2012

Petri Räsänen, Director, Innovation and foresight The Council of Tampere Region, Vilnius 2012

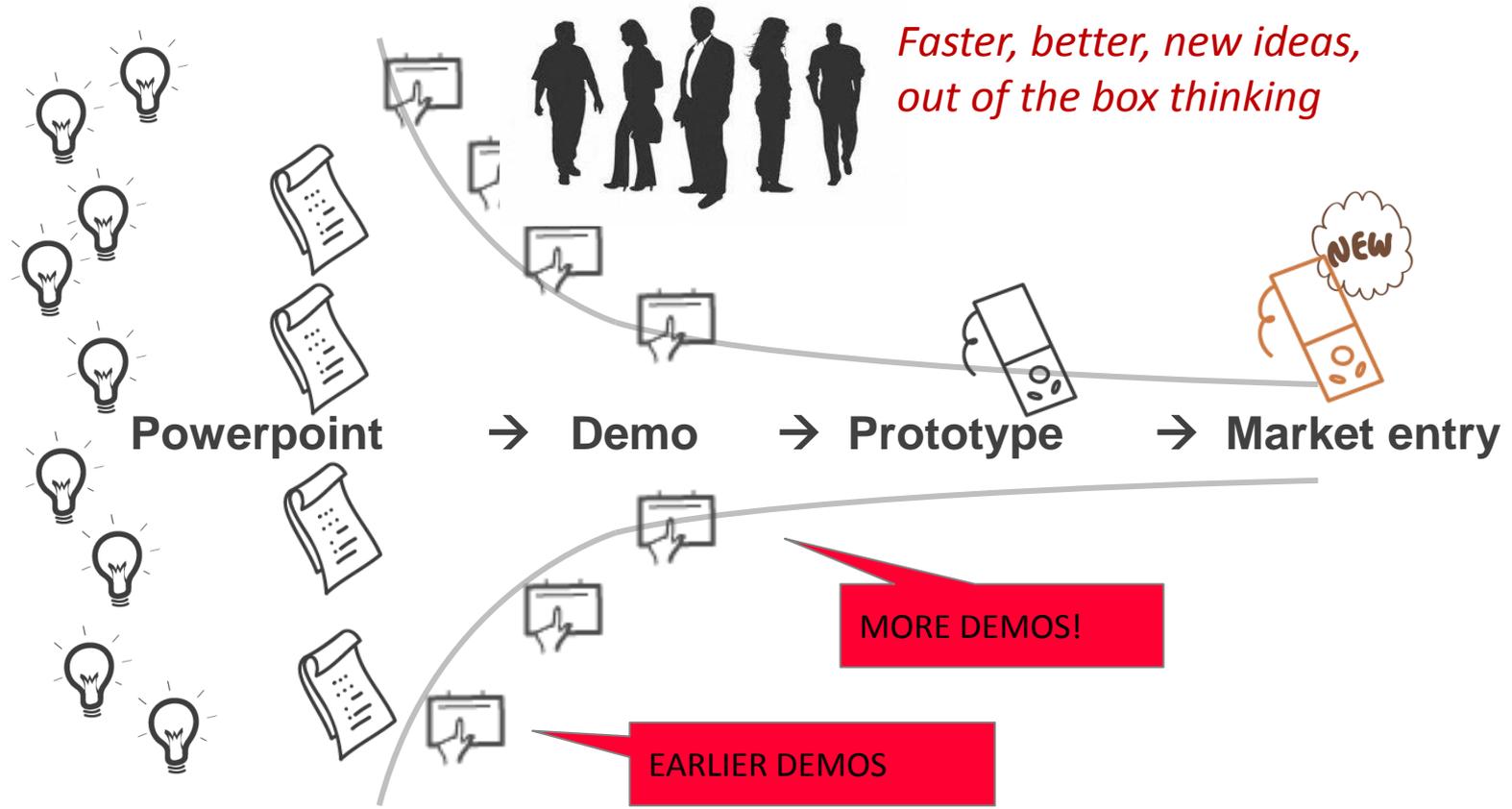




BSR STARS
Innovation in the Baltic Sea Region

LM • • •
ISC • • •
LIMIS

Demola 1/6

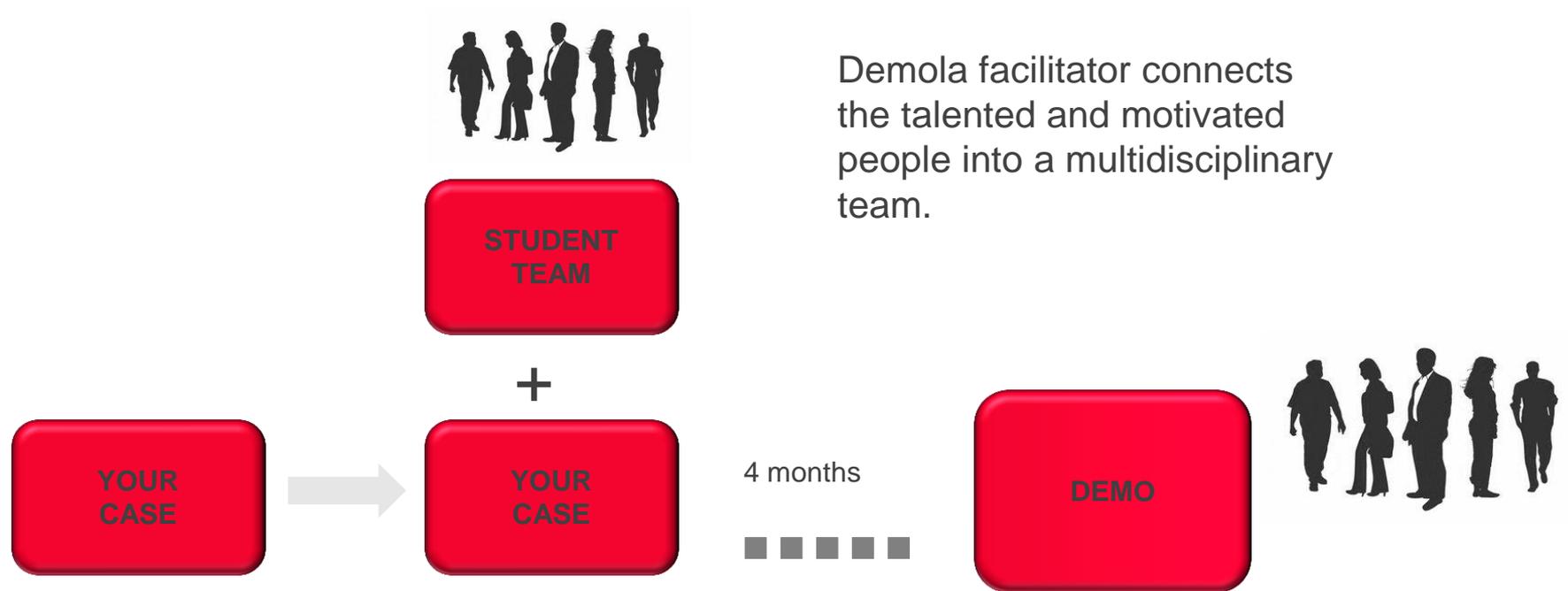


Demola 2/6



BSR STARS
Innovation in the Baltic Sea Region

L M • • •
I S C • •
L I M I S



Demola facilitator connects the talented and motivated people into a multidisciplinary team.

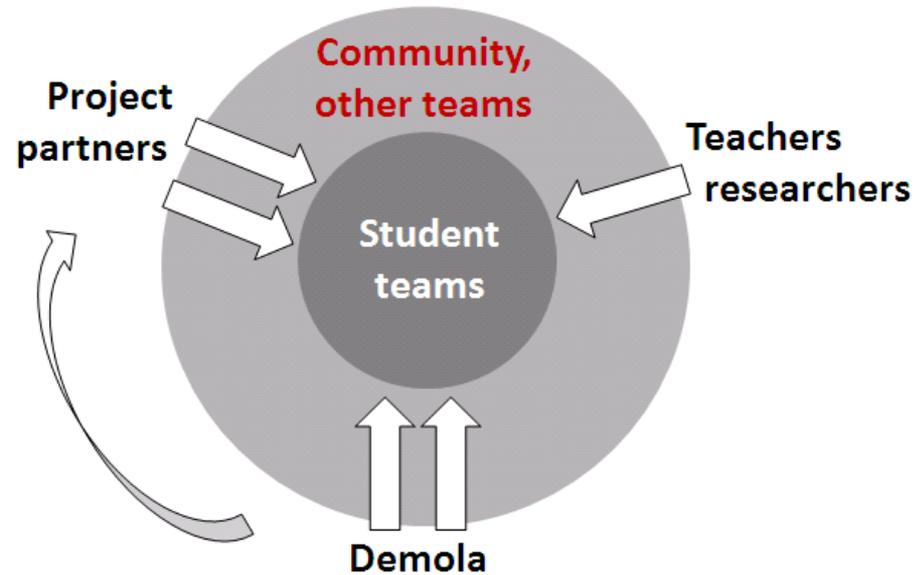
Your input:

1. Set a challenge
2. Sign Demola project contract
3. Your feedback and meetings with the team

Team works under facilitator supervision in Demola premises.

Demola project is a part of their studies.

Demola 3/6



Demola 5/6 For organizations

Boosting R&D and innovation process

A way to build international university collaboration

Engage the best young talents

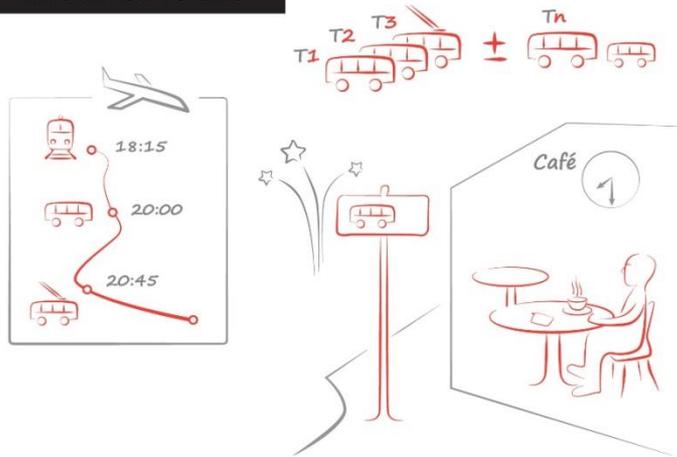
GROUP OF SKILLS DESIGNED WITH YOU



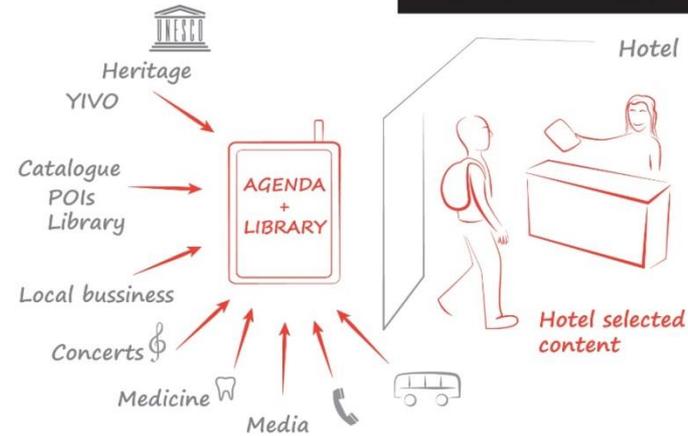


OpenITS business model

MobileRoute



MobileGuide



Show



MobileTicket



MobileAds

What's next?

OpenITS business model

MobileRoute

Business

- Regional ITS operator
- Public transportation
- ITS DB provider
- Mobile operator
- Software development

Students

- Public transportation
- City planning
- Tourism administration
- Software development
- UX design

MobileGuide

Business

- Information center, hotel, travel agency
- Guides, Museums, Catalogues
- Service providers
- Mobile operator
- Software development

Students

- Tourism administration
- Culture, anthropology
- Economics and business
- Software development
- UX design, Service design

MobileTicket

Business

- ITS DB provider
- Regional ITS operator
- Public transportation
- Service providers
- Mobile operator
- Software development

Students

- Public transportation
- Economics and business
- City planning
- Tourism administration
- Software development
- UX design

MobileAds

Business

- Advertising agency
- Service provider
- Guide, Catalogue
- Media
- Mobile operator
- Software development

Students

- Advertising
- Economics and business
- Software development
- UX design
- Software development

Demola Network

Demola Tampere (09/2008 -), Hermia



Demola Vilnius (03/2012 -), Infobalt and VITP



Demola Budapest (05/2012 -), BME



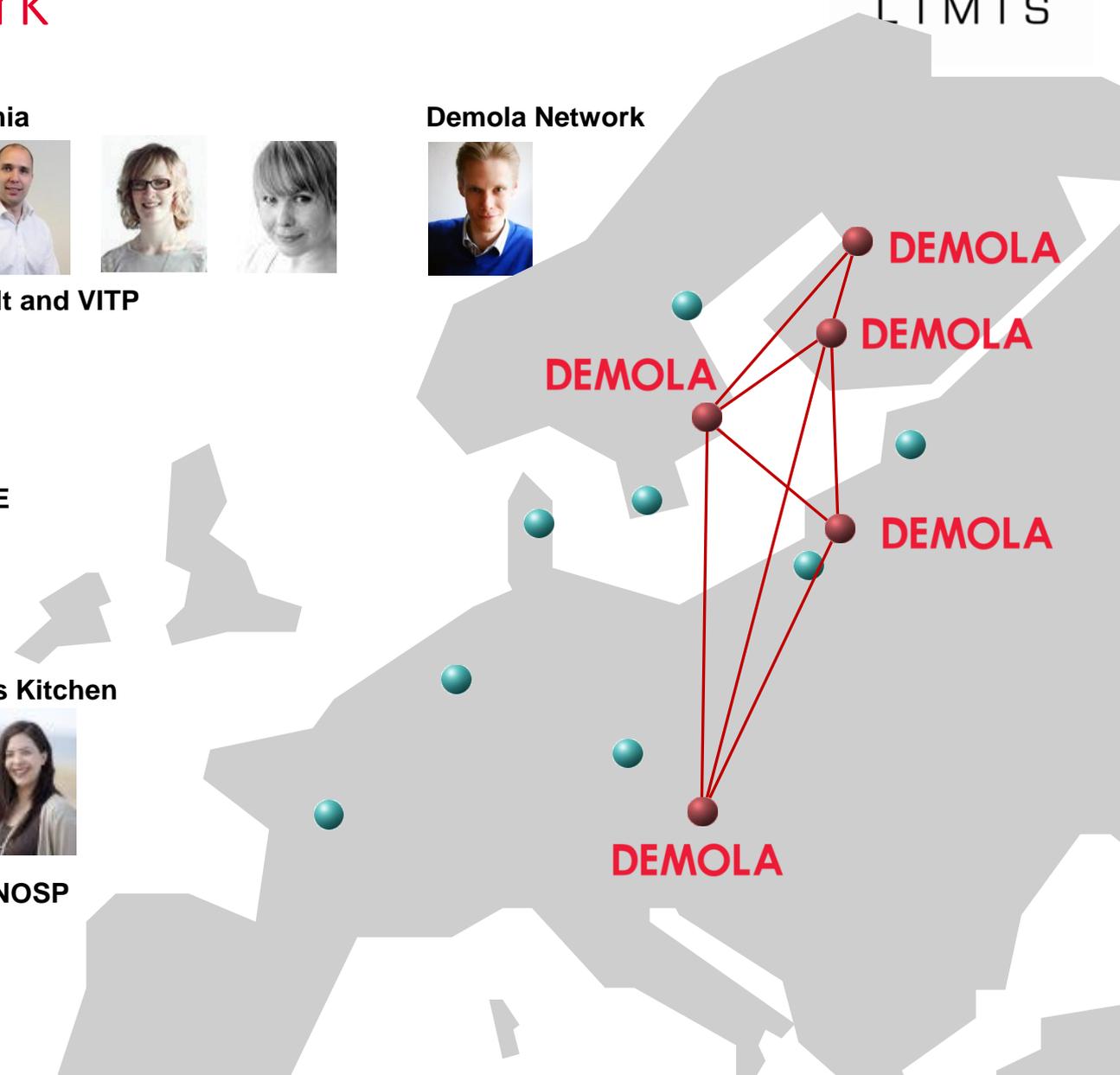
Demola Oulu (09/2012 -), Business Kitchen



Demola East Sweden (01/2013 -), NOSP



Demola Network



MobileGuide

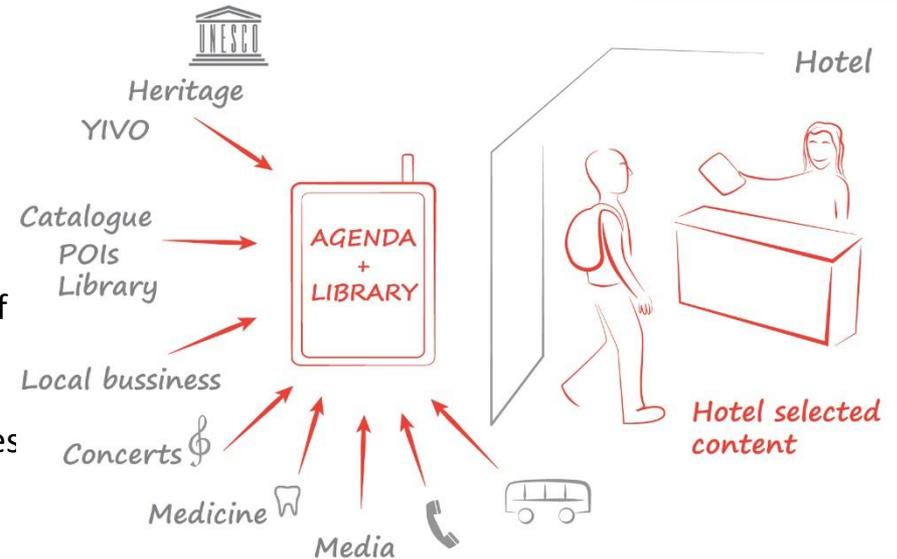
Demola NFI Autumn 2012, Demola Vilnius

Business

- Unesco LT (Guide, Catalogue) from Vilnius
- Lonus Technologies UAB (Software development) Vilnius

Students

- 2 students from University of Tampere
- 3 students from Tampere University of Applied Sciences
- 6 teachers



Guide provider selects linked catalogues with POIs and articles provided by catalogue providers and builds routes. Guide user searches for POIs and multimedia articles from guide provider catalogue and linked catalogues, and selects for later offline use, sets up personal Agenda by organizing selected POIs as events using stationary or mobile end user device. He/she sets up personal Library by selecting multimedia articles on selected POIs using stationary or mobile end user device, syncs Agenda and Library with source online catalogues for offline usage on mobile end user device. MobileGuide integrated with MobileRoute via Google Calendar. Watch final [presentation](#).



Project costs: 3000-7000 Eur

Project timeframe: 2012 Oct – 2013 Feb

MiFRenderFarm

Demola Vilnius Spring 2013

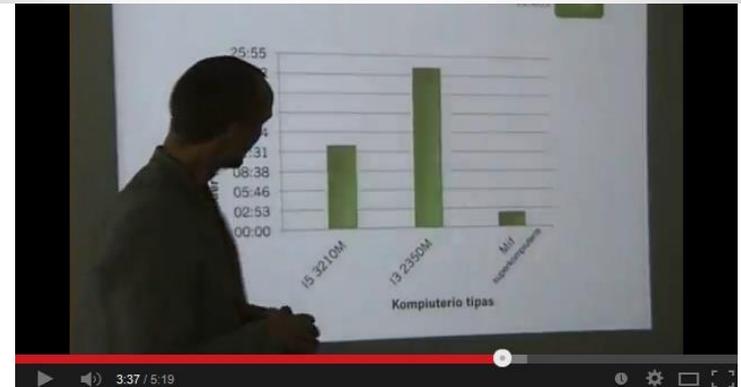
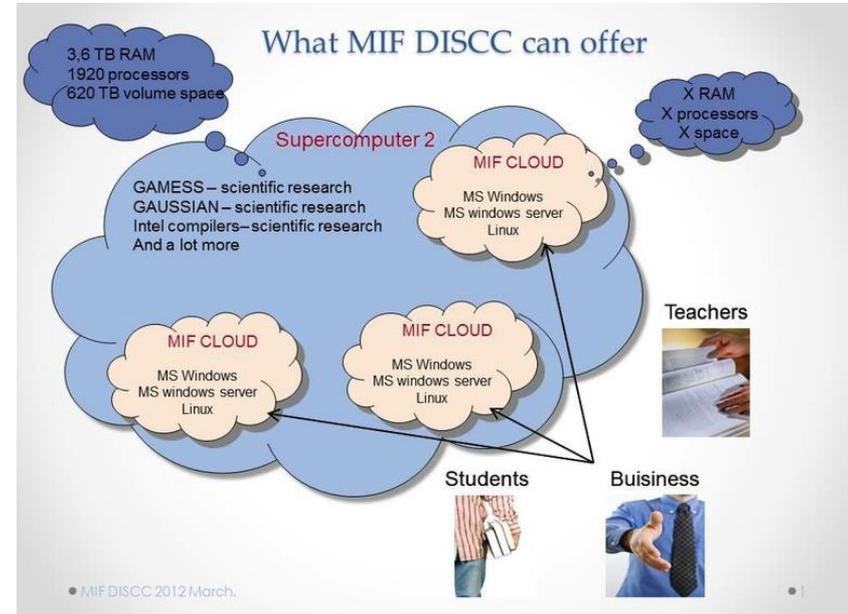
Business

- Vilnius University Faculty of Mathematics and Informatics supercomputer, LitGRID

Students

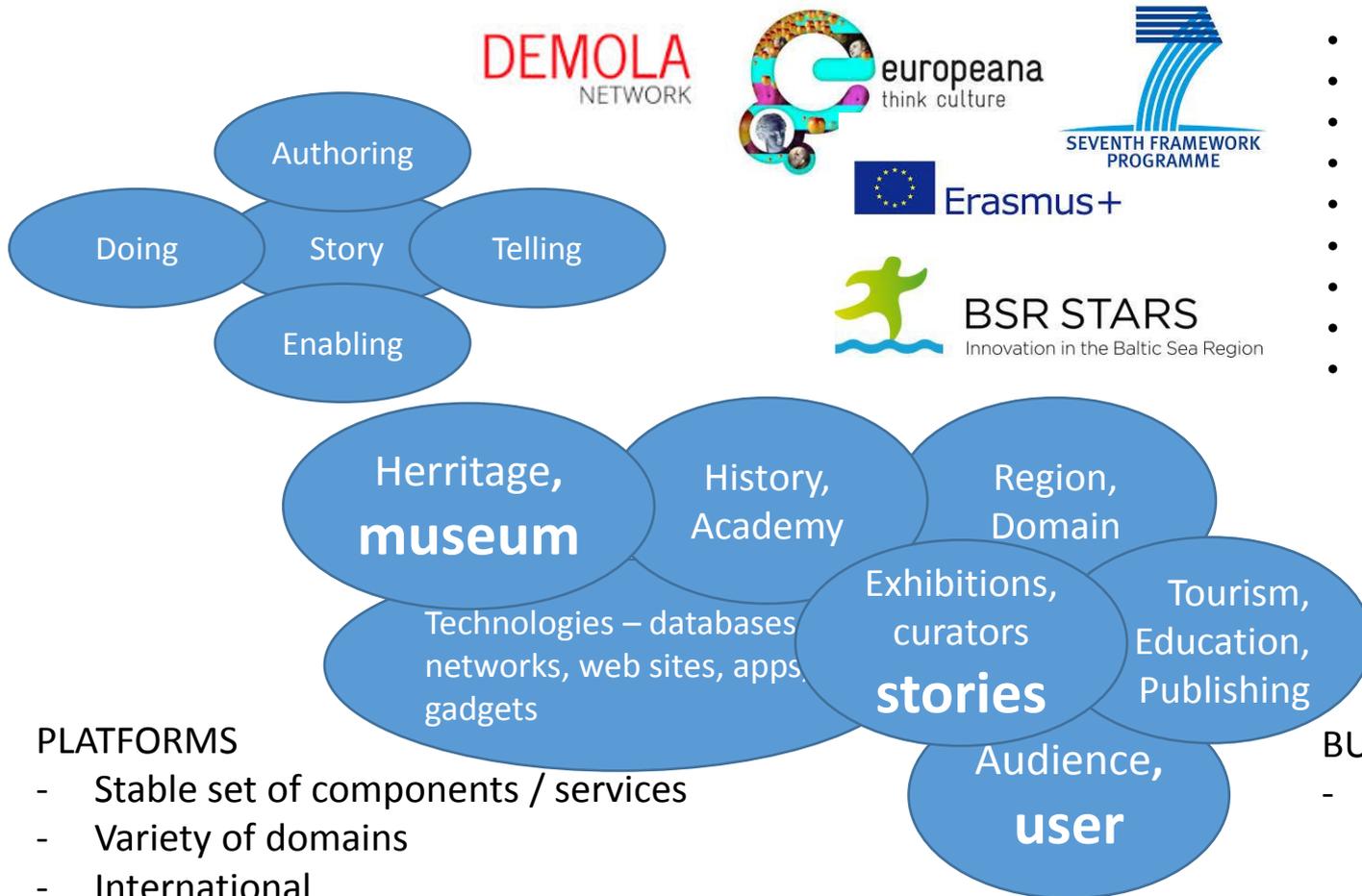
- 1 student from Vilnius University faculty of Mathematics and Informatics
- 1 student from Vilnius Gediminas Technical University, Architecture
- 1 student from Vilnius Art Academy, animation
- 1 student from Vilnius University faculty of Economy

Students tested ability of Vilnius University Faculty of Mathematics and Informatics supercomputer, to perform animation, architecture software rendering tasks and start deliver related services for experimental development projects.



Project costs: 3000-7000 Eur
Project timeframe: 2013 Feb – 2013 Jun

Next development ecosystem.



- Europeana Athena Plus
- Europeana Space
- European Heritage Label
- Erasmus Plus
- BSR Stars 2.0
- Demola Network
- FI-CONTENT
- ..
- ..

PLATFORMS

- Stable set of components / services
- Variety of domains
- International
- Mature, proven, well demonstrated

BUSINESS MODELS

- DEMOs through experimental development
- Open data vs. Shared Economy

- Ambitious scalable vision, open framework
- Strong international partner potential
- Agile and open co-creation
- Practicing success through demos

Let's develop!

Sarunas Bagdonas

Head of Department of LIMIS and Information Technology

Lithuanian art museum. Lithuanian museums' centre of Information, digitalization and LIMIS

www.limis.lt

sarunas@limis.lt

+37068656195

