SSEDIC second year results relevant to universities

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EU Initiative

ICT PSP Program Call 4, Universal ID, Thematic Network

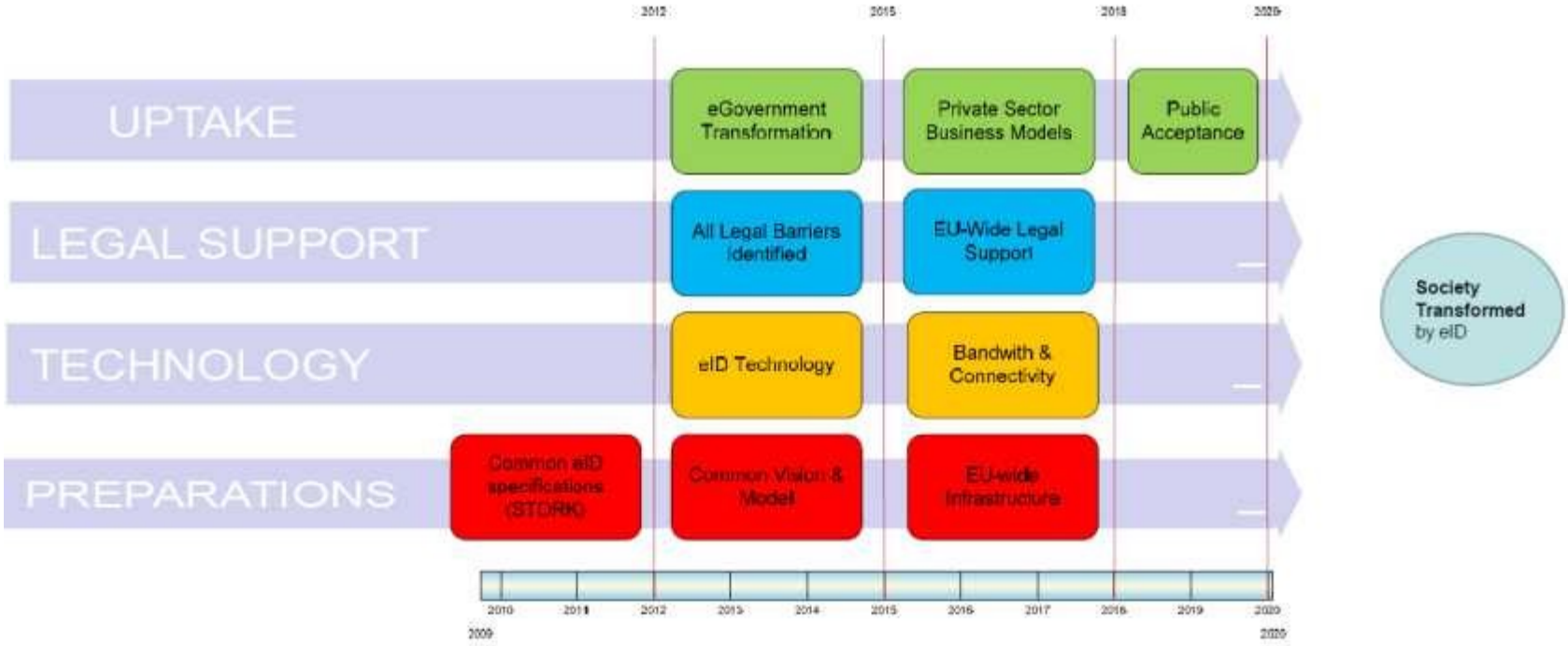
Contributing to the

Digital Agenda for Europe

What
is SSEDIC doing

- Establish an as large as possible forum
  for debate
- Establish a framework and roadmap for action (2013)
  in line with the Digital Agenda for Europe
- Gain a better understanding of the impact
  of *universally accepted eIDs* for citizens and business

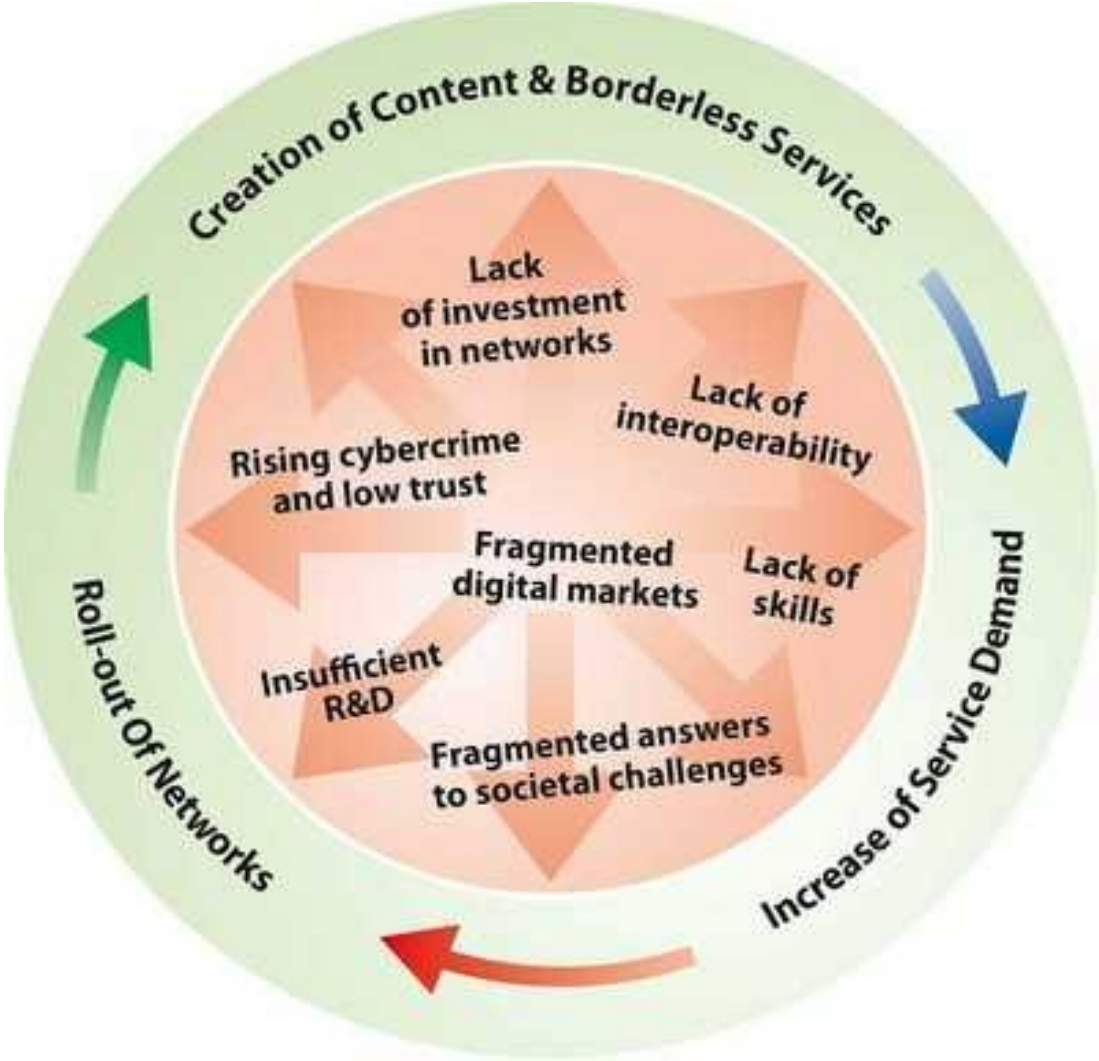
Transformation to a Universal ID



How
will SSEDIC achive its goals

- Involving all stakeholders
  - ICT
  - Policy
  - Administration
  - Users
  - Researchers
  - …
- Aligning with EU actions
  - STORK
  - SPOCS
  - and new calls
- Doing open consultations
- Being comprehensive
  - Citizens
  - Business
  - Privacy
  - Security
  - Usability
  - Interoperability
  - Legal
  - …

Relevance


Creation of Content & Borderless Services
Increase of Service Demand
Roll-out Of Networks
Lack of investment in networks
Lack of interoperability
Rising cybercrime and low trust
Fragmented digital markets
Lack of skills
Insufficient R&D
Fragmented answers to societal challenges

Impact

"Not just a theoretical exercise,
but recommending **practical steps**
in each stakeholder sector
towards a vision of the
Single European Digital Identity Community"

Deliverables
what has been produced this second year?

- SSEDIC 2012 eID adoption survey
- SSEDIC on university credentials
- SSEDIC on authentication standards
- SSEDIC vision for distributed ID infra
- SSEDIC on eID deployment
- SSEDIC on eID regulation
- SSEDIC on business models

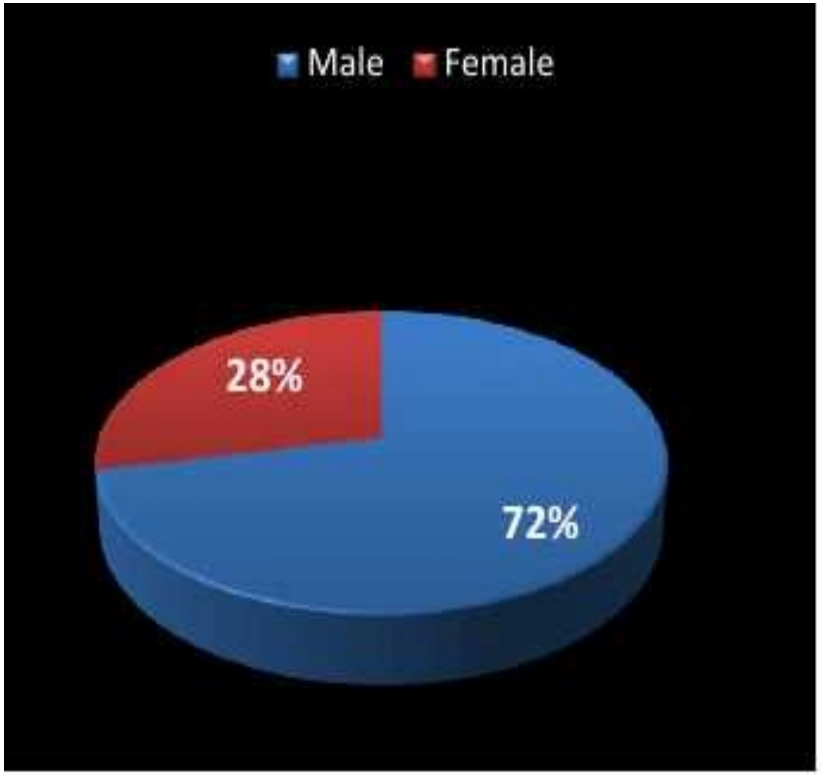
http://www.eid-ssedic.eu/index.php?option=com_content&view=article&id=104&Itemid=100101

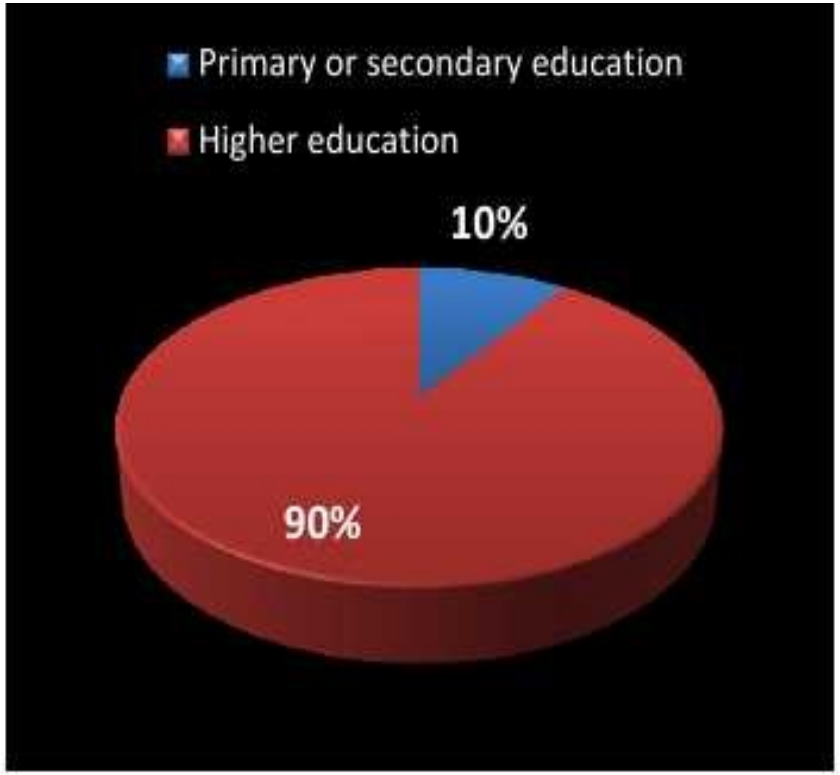
Survey information

- 1000 participants
- Open October though December 2012
- Average 17 minutes to fill
- English, Spanish, French and German
- Mostly EU27 respondents
- Username/passw most used credential

Survey Results
some figures on eID

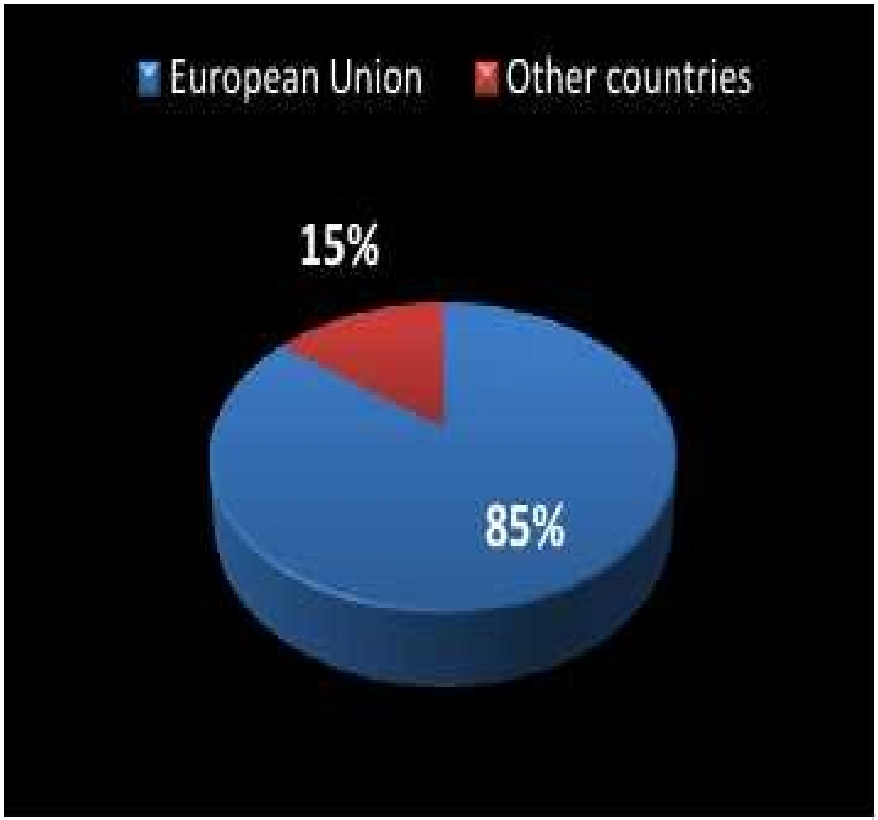
Survey participants education and gender

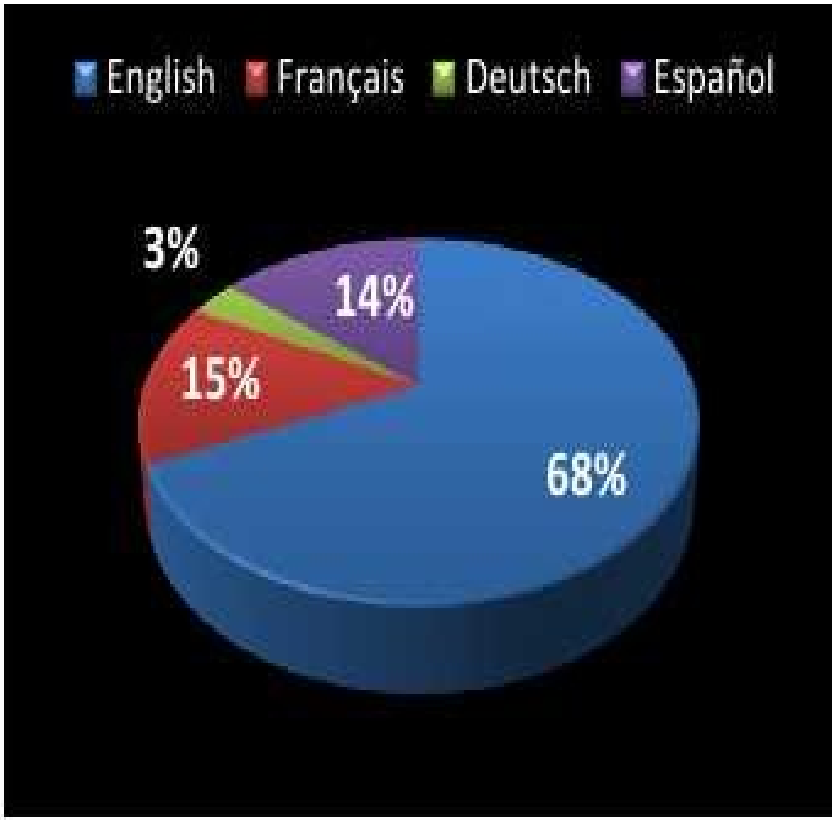




Survey Results
some figures on eID

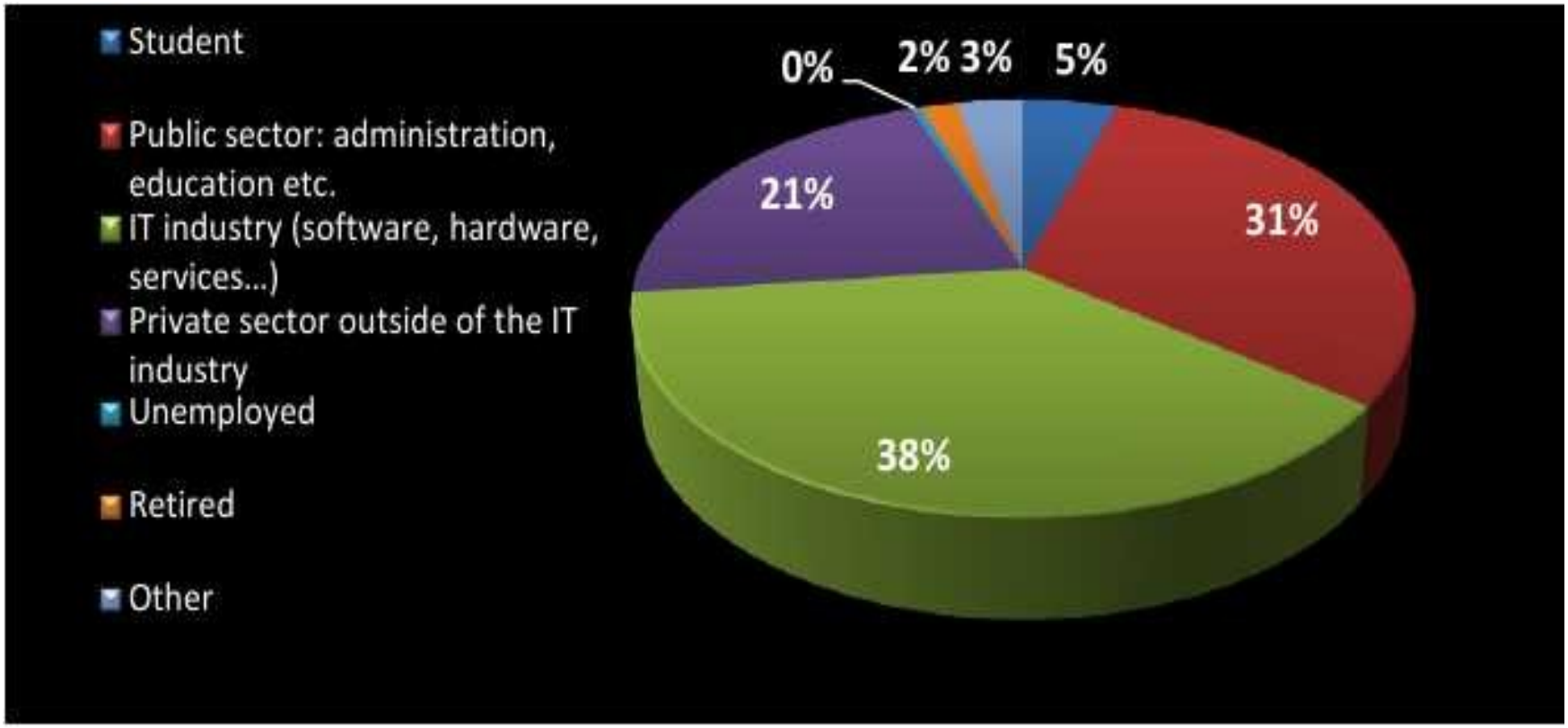
Participants by country and language





Survey Results
some figures on eID

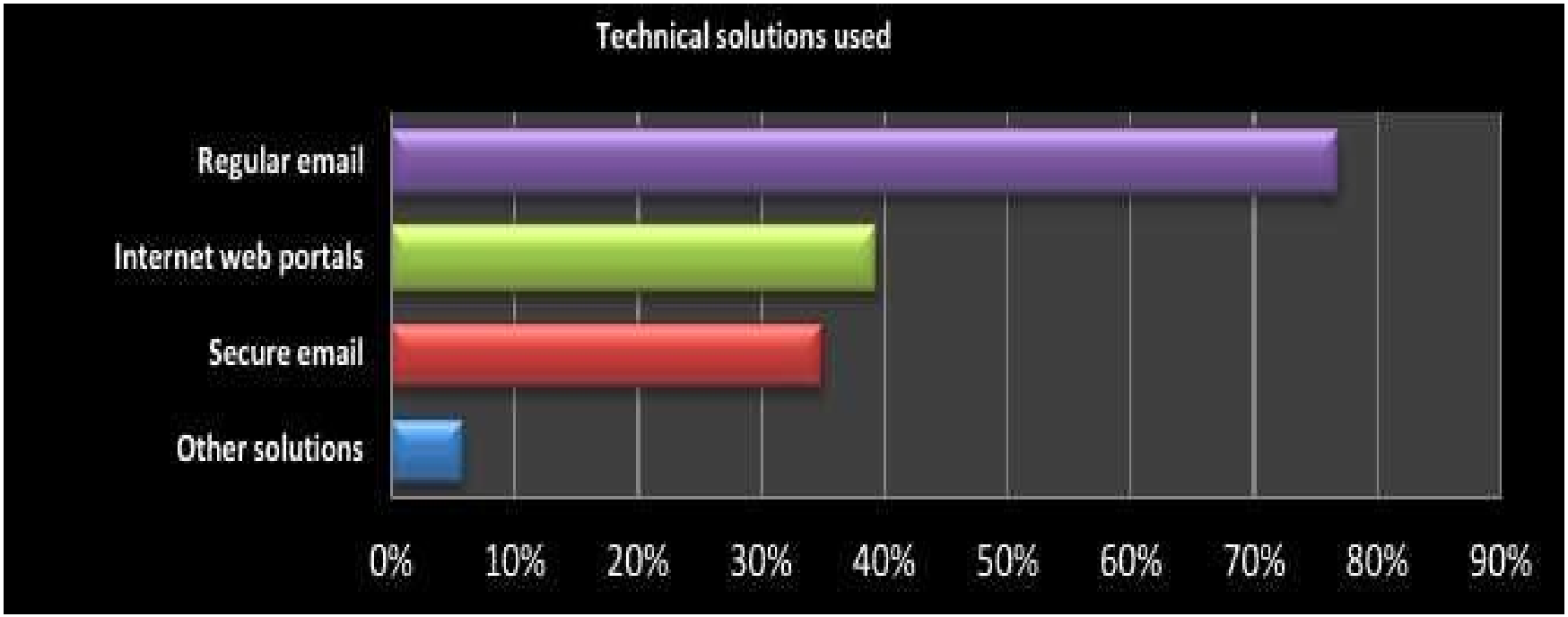
Survey participants by sector



Survey Results
some figures on eID

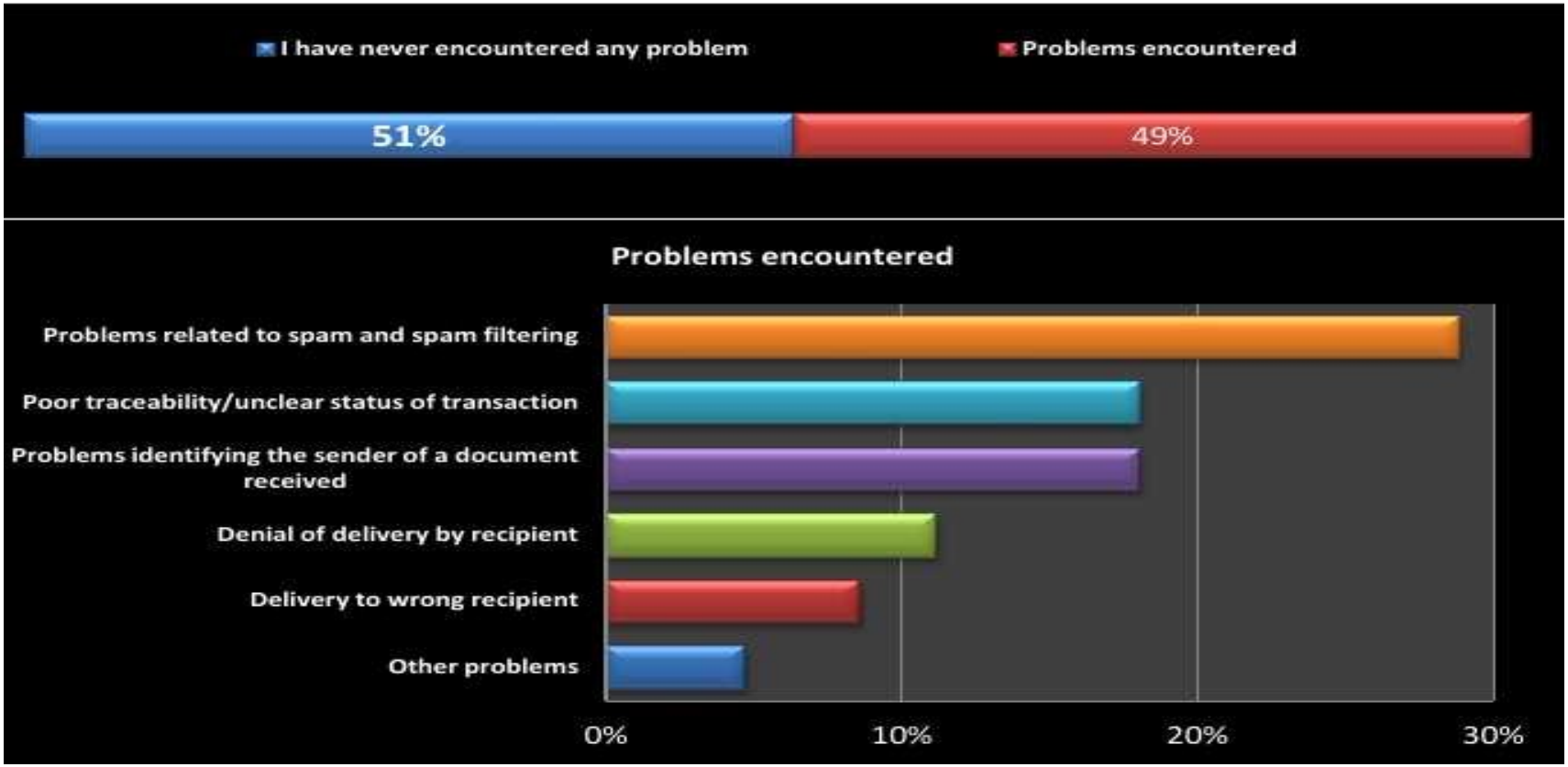
Do you buy on-line from other MS

Document transfer methods



Survey Results
some figures on eID

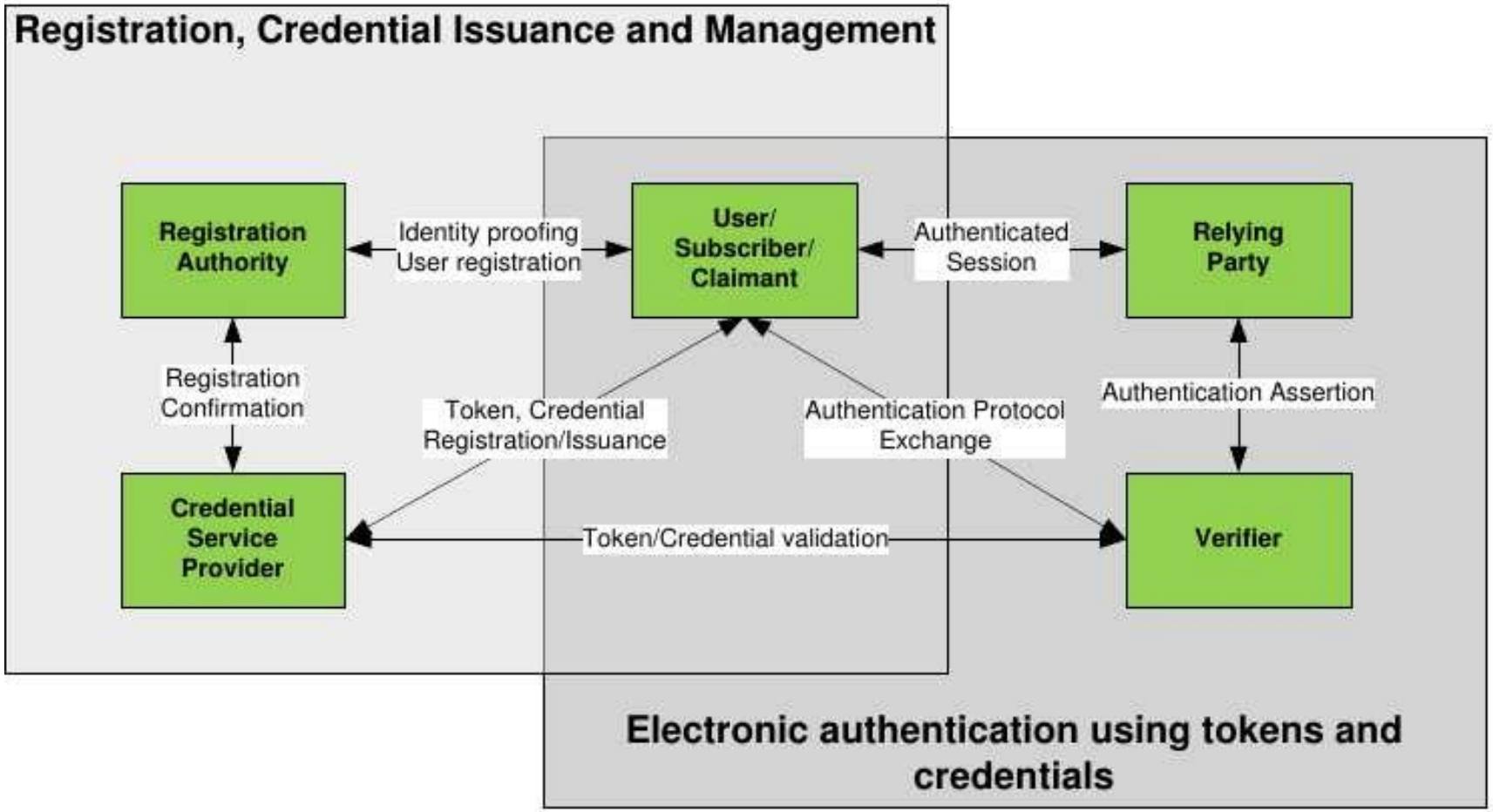
Have you experienced problems exchanging sentive documents



Collected information

- Authentication methods
- Credentials and token type
- Levels of Assurance, and their sources
- STORK <-> NIST analysis
- *Four* factor authentication

SSEDIC on Authentication
basic ideas in the paper



Contributors

- KU Leuven
- University of Stuttgart
- University of Murcia
- University of Málaga

Oldest and most used university credentials

me@myuni.eu
password

Most used identity based service

eduroam

First identity based services

PAPI

OpenAthens

SSEDIC on eID in Universities

we do things in a *different* way, we started first

SIR

KALMAR2

eduGAIN

REFEDS

SSEDIC on eID in Universities

we do things in a *different* way, we started first

SECURE
IDENTITY
ACROSS
BORDERS
LINKED

Future

- Virtual Organisations
- Credential roaming
- Student mobility
- Digital diploma deposits

SSEDIC on eID in Universities

we do things in a *different* way, we started first

GRONINGEN DECLARATION

The future of Digital Student Data Portability

Shameless plug:http://www.groningendeclaration.org/

Challenges

- Reach outside the inter-web
- Levels of Assurance
- Privacy
- The attribute ecosystem
- Authorisation
- Group management
- User centric approach
- New protocols

Milestones

- Wider adoption
- Information exchange for Bologna process
- Real management of virtual organisations
- Better services for federated identities
- Privacy and Data Control
- Support for credentials from other organizations
- Increased awareness and acceptance level

Show stoppers

- Failure to educate users
- Neglecting mobile devices
- Smart card (non-)interoperability
- Non-compliant govermental CAs
- Un-aligned privacy legislations
- **Dearth of services**

Outcome

"We now know what needs to be done to progress Europe's e-ID vision"

SIIIC

SSEDIC International Identity Initiatives Conference

July 8th, 2013
Rome

http://www.eid-ssedic.eu/index.php?option=com_content&view=article&id=117

Contact us !

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