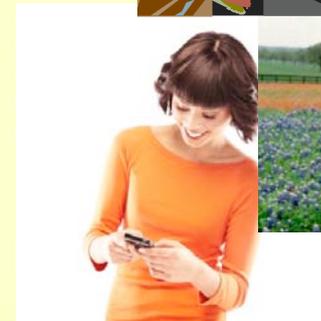


***Human-oriented/ Citizen
Trust, Privacy and Security
- User Centricity -***

**Dr-Ing. Karima Boudaoud/ Dr-Ing. Mounib Mekhilef
I3S-University of Nice Sophia Antipolis-CNRS /
Ability Europe**

Why a WG with Human-
oriented Vision /User
centricity ?

Trust, Privacy and Security for all !



"I dressed up as an End User for Halloween and suddenly I started getting lots of error messages from our new system."

I am a Final User

Security is scaring me

Security is complex and confuse me



I would like to easily secure and control my data

I would like a security that fulfill only my need

I don't want a very strong Security for a low security Requirement



I would like to pay only for the security level I need



But not a security expert

**"I'm not one of you. I don't know
about security"**

**"We have tools but we are not set up
socially to use them"**

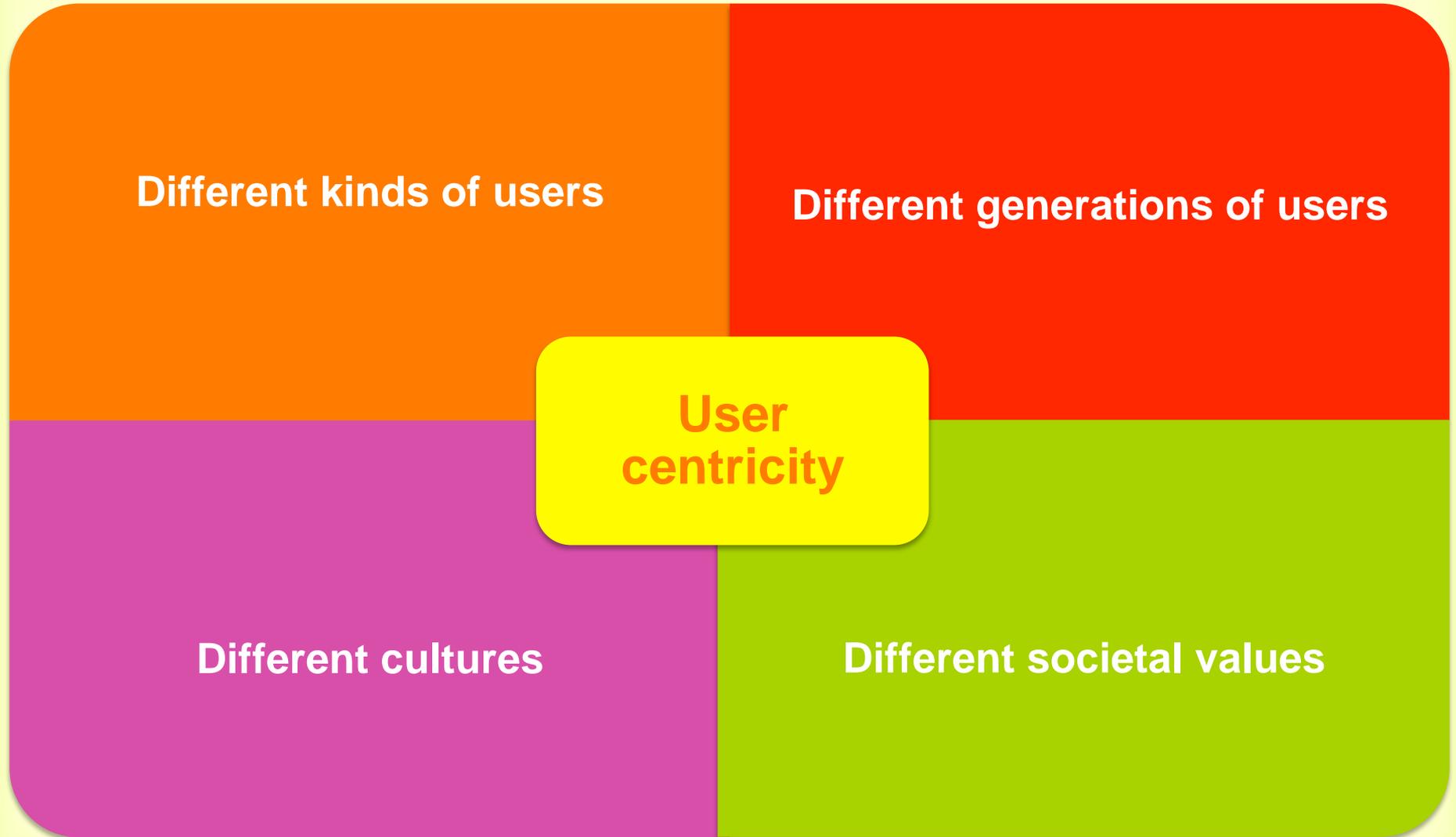
Sir Tim Berners-Lee

(RSA conference on 14 October 2011)

Move from traditional
technology-only oriented
design of trust, privacy
and security solutions
towards user-centric
approach

What User Centricity means?

What User Centricity means?



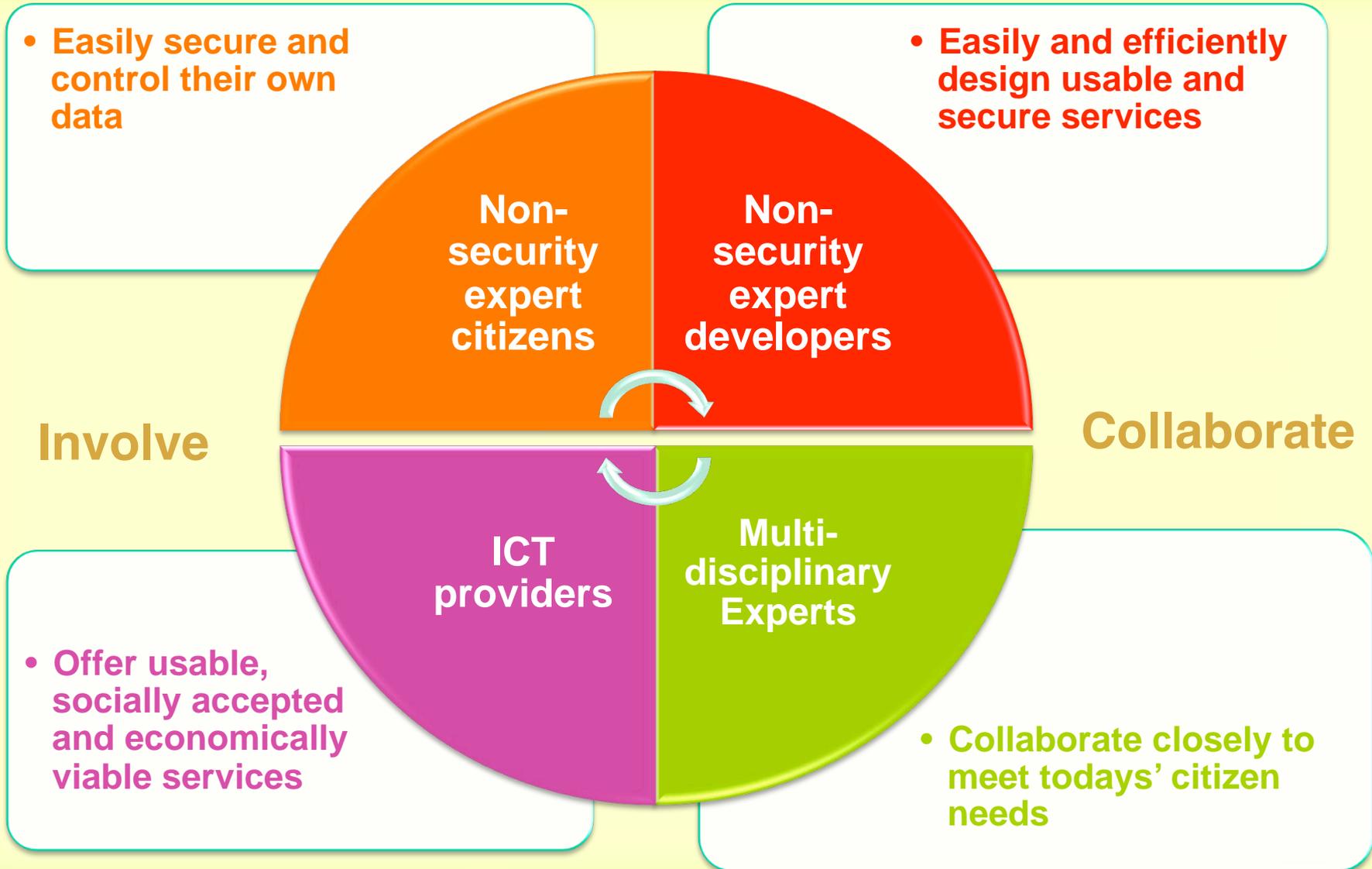
**What are the key elements
to address ?**

**Accept to adapt to common
people needs**

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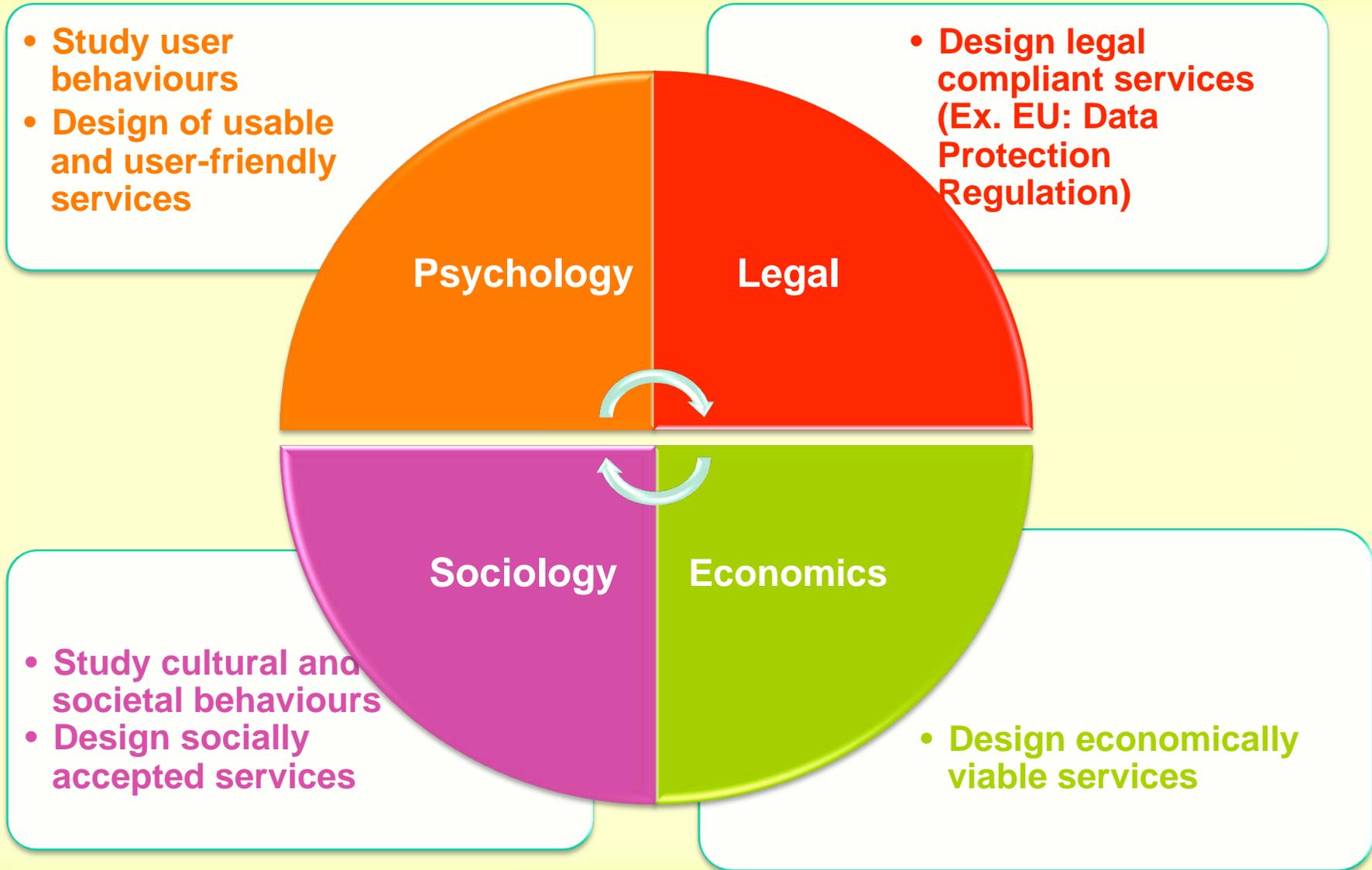
**Take into account the real needs
of citizens**

Key Actors



How collaboration between experts from different disciplines can help to move towards user centric approach ?

How interdisciplinary can help ?



**What actions for an
international cooperation ?**

International Collaboration Actions

Collaborate with International Experts having a Human-oriented approach regarding Trust, Privacy and Security (Canada, USA, France, etc.)

Create Multidisciplinary Working Groups in each targeted country (Right experts from each discipline)

International Collaboration Actions

Organize International Multidisciplinary Workshops in targeted countries

(Wide public, Developers, ICT Providers, etc.)

Collaborate with Standardization Organisations

How the foreseen
international activities
will allow a User Centric
Trust, Privacy and
Security?

More effective User-centric Trust, Privacy & Security

International WG

Collaboration with Experts who have already done excellent work to efficiently integrate their work (Mary Ellen Zurko, Kostantin Besnosov, etc.)

Multidisciplinary WGs

Identification of inter-relationships between the different disciplines regarding Trust, Privacy and Security

More effective User-centric Trust, Privacy & Security

International Multidisciplinary Workshops

Facilitate the design of usable, socially accepted and economically viable secure services

Collaboration with Standardization Organisations

Definition of Standards involving REAL user needs regarding Trust, Privacy and Security

How this WG can help to
move concretely towards
Human-oriented approach
Trust, Privacy and
Security ?

Human-centric Trust, Privacy and Security

Collaboration between legal,
psycho-socio, technology
and security experts



Multidisciplinary
workshops/
WGs (targeted countries)



Non-security experts
citizens/developers

How to

- Prepare the next generation
- Educate the existing users
 - Need to build an education program strategy based on shared values
 - Internet means continuous change: What kind of tracking process?
 - What procedure in case of emergency?

User Centric

- Geographic coverage
- Culture coverage (including minorities)
 - Language coverage
 - Age-range coverage
 - Inclusive (disabled and alike)
 - Accessibility & affordability
 - Sustainability

Living Lab ?

Multi-disciplinarity

- Variety of viewpoints
 - Cultural heritage/history
 - Societal & individual values
 - Psychological characteristics
 - Technology
 - Role

Multi-disciplinary ≠ Role ?

Now, let's go forward...

- How could you contribute ?
- What to do concretely?
- What are the next steps to focus on?

How to best move forward !

INCO for privacy, security & trust
taking into account “**multi-**
differences” (cultural, social,
psychological, legal)

+

To Make P,S & T widely accepted
and easier to use