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Interaction design principles in WYRED platform

Francisco J. García-Peñalvo, Jorge Durán-Escudero

Department of Computers Science, Institute for Educational Reseach, GRIAL Research Group,
University of Salamanca, Salamanca, Spain.

{fgarcia, jorge.d}@usal.es

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Outline

- What is WYRED project
- Overview of WYRED Technological Ecosystem
- WYRED platform requirements
- WYRED platform a brief overview
- Conclusions

What is WYRED project

- netWorked Youth Research for Empowerment in the Digital society



Grant Agreement
number: 727066





Project information

WYRED: netWorked Youth Research for Empowerment in the Digital society

Project coordinator: Dr. Francisco José García-Peñalvo

Call: European Union. Horizon 2020 Programme. Call H2020-SC6-REV-INEQUAL-2016-2017/H2020-SC6-REVINEQUAL-2016

Reference: 727066

Duration: 1/11/2016 – 31/10/2019

Budget: 993662.50€

Consortium: UNIVERSIDAD DE SALAMANCA (USAL)_ES; OXFAM ITALIA ONLUS (OXFAM ITALIA)_IT; PYE GLOBAL (PYE GLOBAL)_UK; ASIST OGRETIM KURUMLARI A.S. (DOGA)_TK; EARLY YEARS - THE ORGANISATION FOR YOUNG CHILDREN LBG (EARLY YEARS)_UK; YOUTH FOR EXCHANGE AND UNDERSTANDING INTERNATIONAL AISBL (YEU)_BE; ZAUCHNER-STUDNICKA SABINE (MOVES)_AT; THE BOUNDARIES OBSERVATORY CIC (BOUNDARIES)_UK; TEL AVIV UNIVERSITY (TAU)_IL

Web site: <https://wyredproject.eu>



netWorked
Youth Research
for Empowerment
in the Digital society

HIGHLIGHTED

You GoT WYRED!

270 slogan's proposals have been submitted
in Turkey, Northern Ireland, Austria, Italy, Spain, Georgia and Cy

And
We are glad to announce that the Winners are:

Under 14
our dream - be part of the WYRED team: Vincent Lowry - Saint Ma
Youth Club - Northern Ireland

14-17
Your Voice, Be Your Own Future: Elif Çalışkan - Acarkent Doğa IB
School - Turkey

over 17
part, not apart: David Furtschegger - University of Innsbruck - Aus

Slogan Competition Winners

270 proposals came from young
people, 3 winners

▶ READ MORE

**WYRED - Children and Young People's
Manifesto**
<https://wyredproject.eu>

INTRODUCTORY NOTE

A central aim of the WYRED project is to give children and young people a voice, particularly in
relation to research issues that concern them, and how its results are discussed and presented.
A manifesto written by the consortium seeks to declare our intentions. We hope that the children and
young people participating in WYRED will contribute to their own manifesto.

With the help of a group of young people in Belgium, we have created a "test" manifesto, with some
bullet points to start, but we cannot do more, since this manifesto should represent the wishes of
children and young people.

This will be placed on a web page on the WYRED platform. All the children and young people
participating can add ideas or comments.

WYRED Manifesto

Our perspective on the work

▶ READ MORE

ABOUT

Society is changing, the tools we use are changing, the way we express ourselves is
changing. Young people are at the forefront of this change, but they rarely get a chance to
say what they think, or to influence policy. **WYRED aims to give the young a voice.**

Project information





Project objective

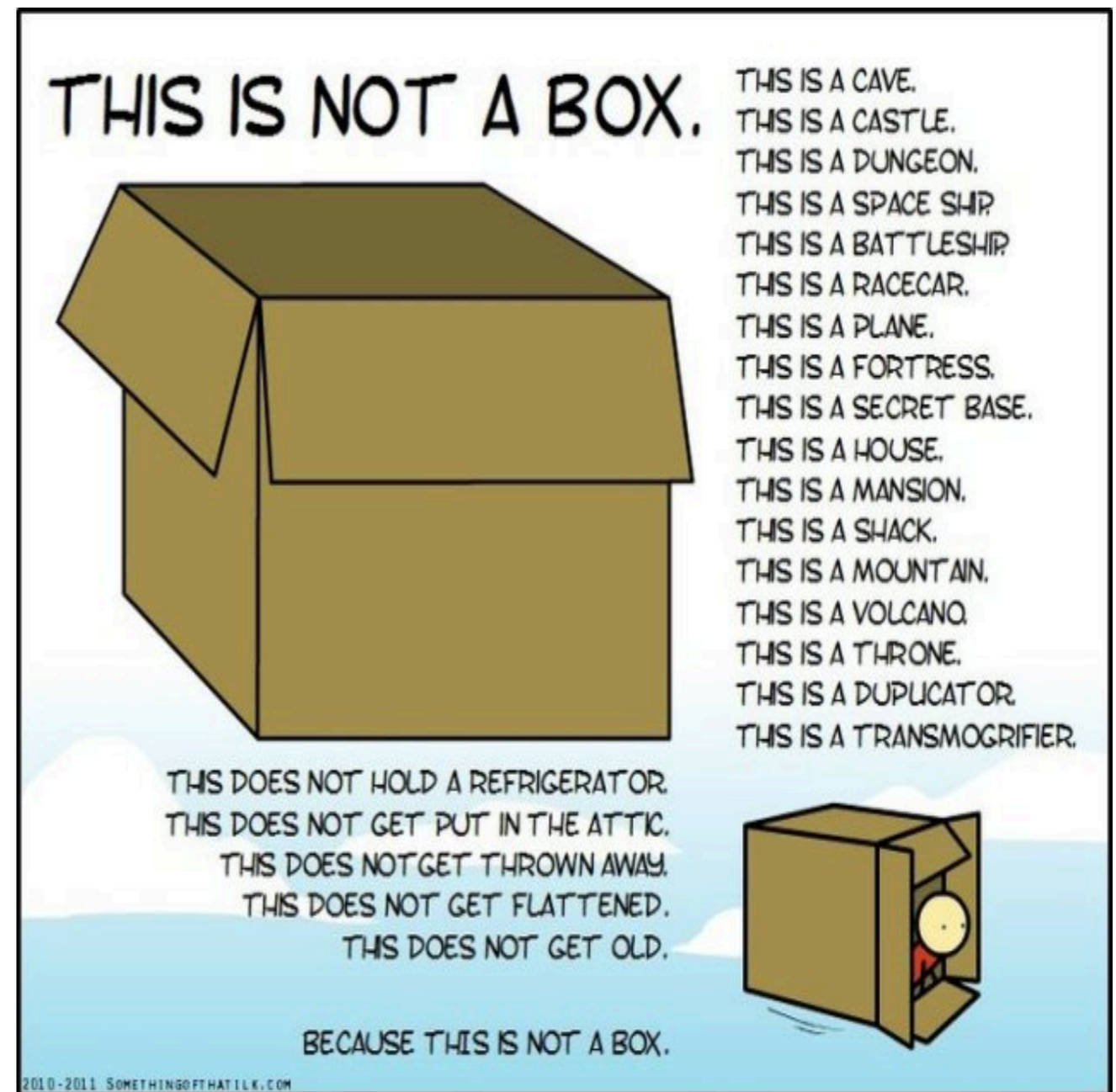
WYRED aims **to give young people a voice**, and a space to explore their concerns and interests **in relation to digital society** and share their perspectives and insights to stakeholders with other strata of society

The research

Shifting understandings
of key notions in digital
world

...trust, freedom,
privacy, communication,
relationship...

What do young people
understand?



We just don't know...

<https://static.pexels.com/photos/86405/penguin-funny-blue-water-86405.jpeg>



Mostly we look in the wrong places

<https://static.pexels.com/photos/31261/pexels-photo-31261.jpg>



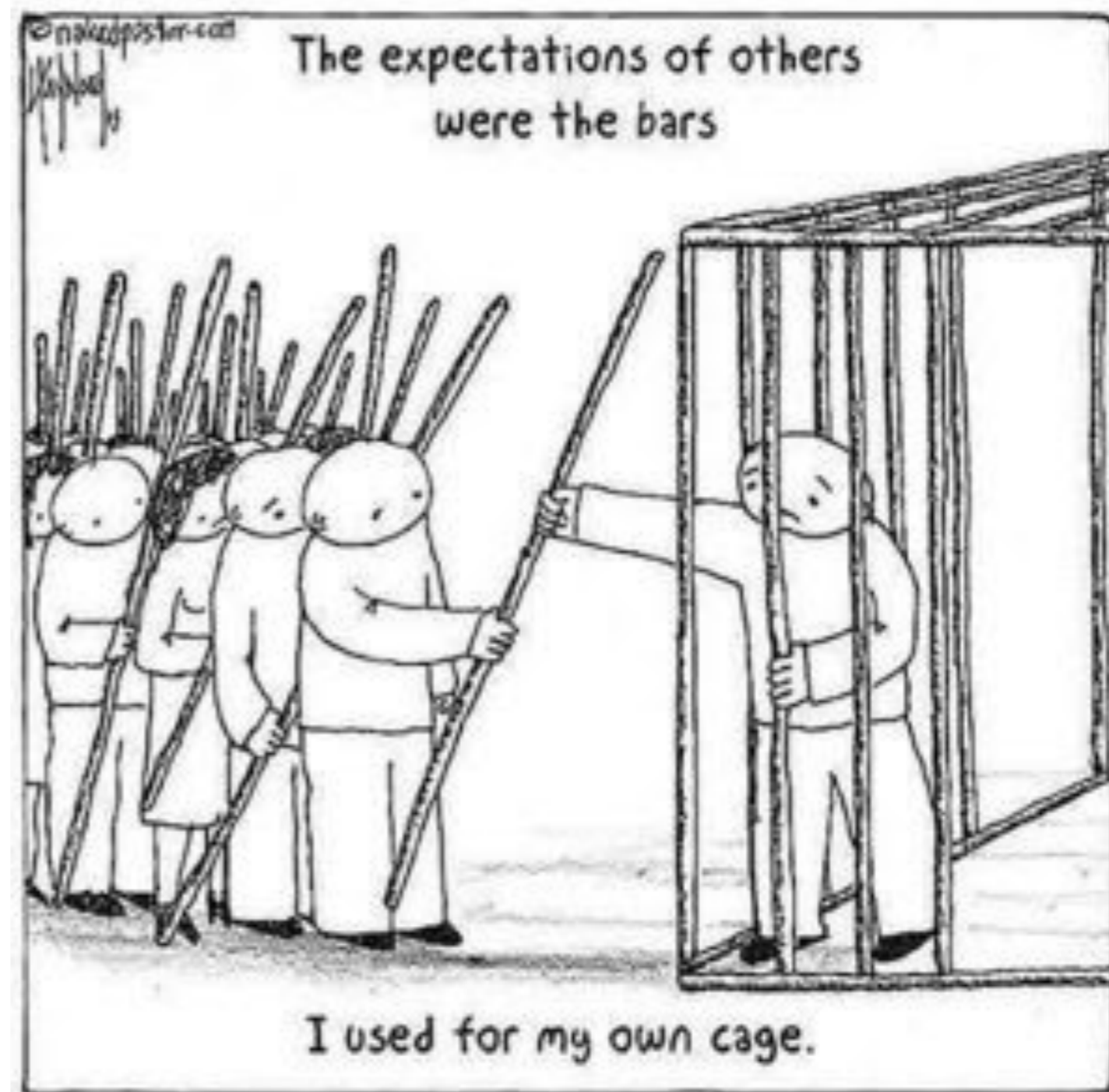
The problem with research

Most research is disempowering

Most research assumes “steady state”

Much social research steals the voice of the subject (and loses it)

This is unethical, and we learn little that is useful



Youth is a moving target, and free ranging...

Youth is as diverse as any other social group...

Youth rarely has a voice...



Photo credit: Paul Holloway via Visualhunt / CC BY-SA
<https://visualhunt.com/photo/4746062047/181025ab32/>

Voice

For useful results, the young need to be **more than subjects, we need to hear their needs, their perspectives , their perceptions.**

So...

citizen science

action research

community projects

creative projects

journalistic work

etc.

Give them control of the exploration, the examination, the execution, the explication, the expression...

A quandary

How can they do it if they don't know how?

<https://unsplash.com/search/photos/sheeps?photo=goUD1YmMZOM>

Too much freedom can disempower, not
enough will disempower

A solution – The notion of ZPD

Project staff as facilitators, providers of spaces/frameworks/scaffolding for the research

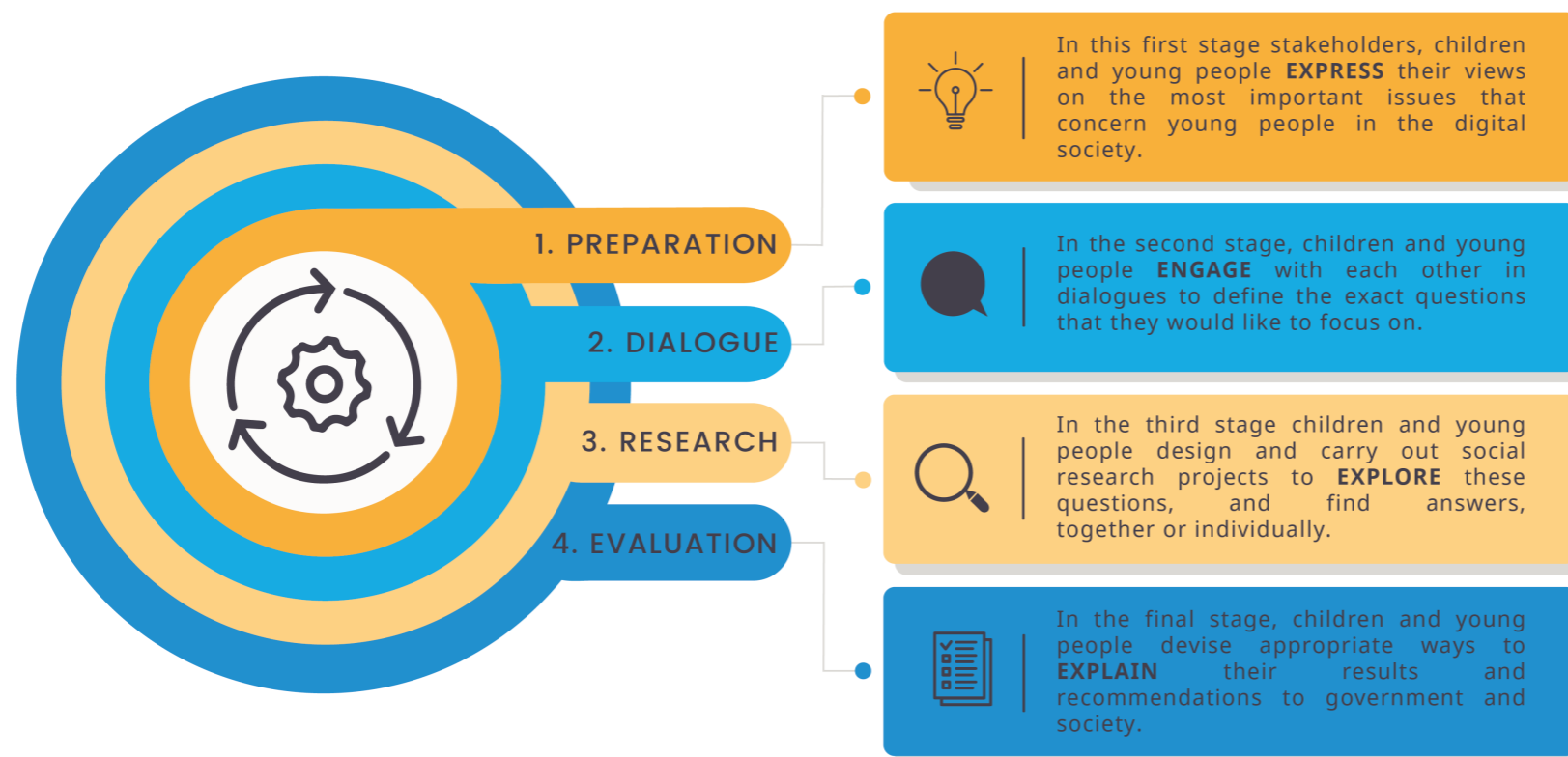


<https://static.pexels.com/photos/27547/pexels-photo.jpg>

WYRED research cycle



Stakeholders, Children & Young People



WYRED research cycle





WYRED Technological Ecosystem

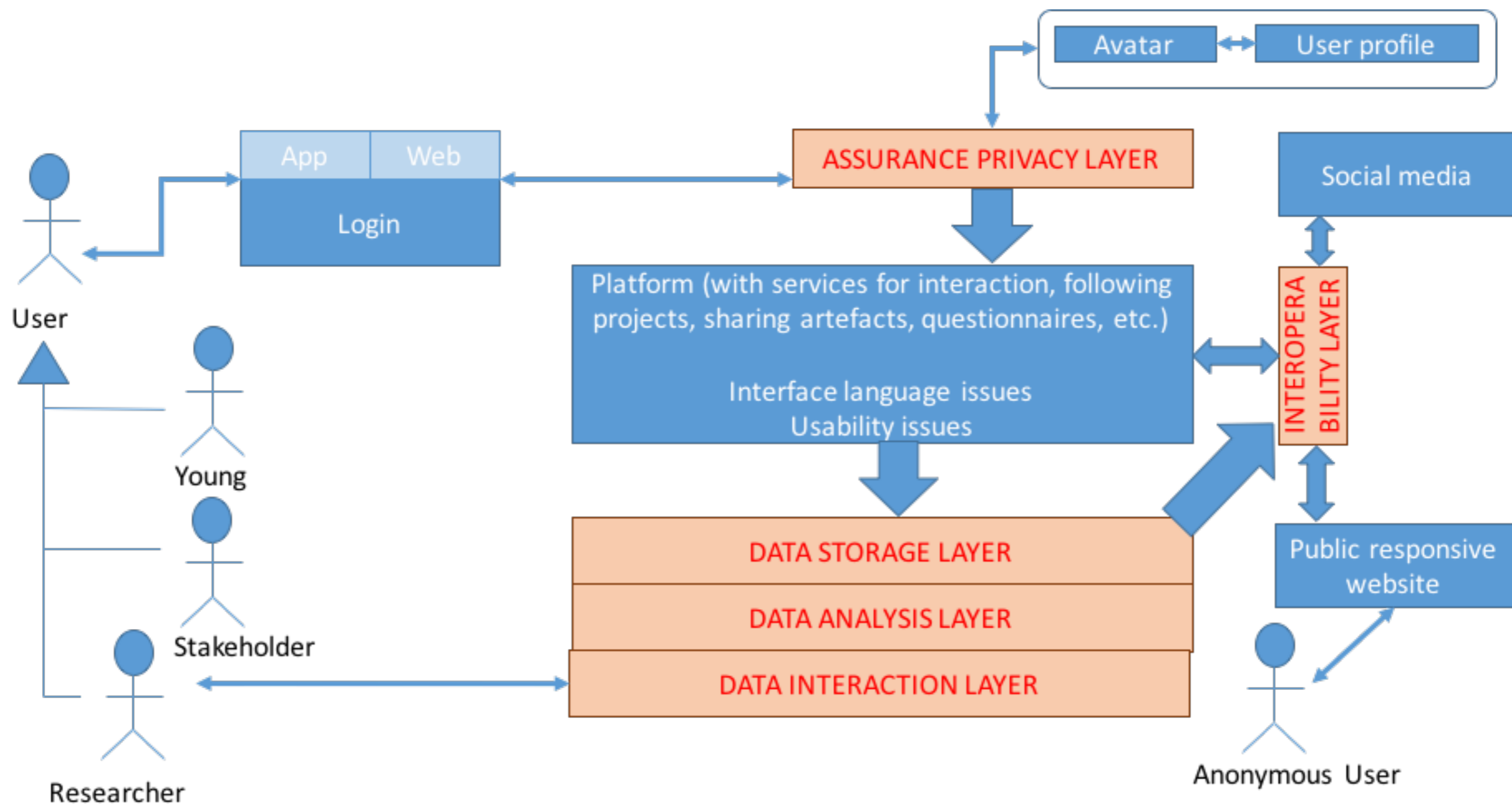
A Technological ecosystem is needed to support the research cycle and users' interactions



WYRED platform technological base

- WYRED platform will be based on a well-established technological ecosystem that supports the interaction platform, taking into account that users are a component more in this ecosystem
- This ecosystem must guarantee three main features in the project lifecycle
 - **Interaction facilitator**
 - **Security and privacy supporter**
 - **Data analysis platform**

Architecture of the WYRED tech ecosystem





WYRED platform requirements

Information requirements

- Users' visible information
- Users' private information
- Platform information

Functional requirements

- Content moderation
- Social dialogue
- Engagement
- Documents
- Research area

Non-functional requirements

- Platform design
- Platform technologies
- Security and privacy issues



WYRED platform profiles

User: the youth who uses the platform

Facilitator: the person who
Guides the social dialogues
Invites new users
Moderates the discussions

Researcher: the persons that will analyse generated data



USER ACCOUNT » CREATE NEW ACCOUNT



Sign in

Create new account | Log in | Request new password

Username *
fgarcia

E-mail address *
fgarcia@usal.es

Password *
..... ✓

Confirm password *
.....

Public data

These data will be visible for all users and they will help you to engage in the platform

Language *

- English
- Deutsch
- Español
- Türkçe
- Italiano
- עברית

Topics of interest *

- Music
- Sports
- Other

Private data

These data will keep hidden in the platform and only the administrator will be able to consult them

Name *
Francisco José

Surname *
García-Peñalvo

Country *
Spain

Gender *

- Male
- Female

Education level *
Doctoral or equivalent level

Year of Birth *
1971

Create new account

The process starts with a sign in activity

The avatar

An avatar is needed

Privacy is a key requirement

The screenshot shows a user profile page for 'FGARCIA' on the GRIAL website. The navigation bar includes 'HOME', 'COMMUNITIES', 'EVENTS', 'HELP', and 'MY ACCOUNT'. The user's name 'FGARCIA' is displayed with an 'EDIT' link. Below this are 'View' and 'Edit' buttons. The 'Account' section is active, showing 'Public data'. A green notification bar states 'The changes have been saved.' The 'Current password' field is empty, with a note: 'Enter your current password to change the E-mail address or Password. Request new password.' The 'E-mail address' field contains 'fgarcia@usal.es'. The 'Password' and 'Confirm password' fields are empty. The 'Notificaciones' section has a checked checkbox for 'Activar notificaciones'. The 'Picture' section shows a current avatar of a man with glasses and a selection of eight alternative avatars in a 2x4 grid. A 'Delete picture' checkbox is also present.





Minimal user profile

HOME COMMUNITIES EVENTS ▾ HELP MY ACCOUNT ▾

🏠 MI PERFIL » FGARCIA


 View  Edit



 **Public data**

Language: English Español
Topics of interest: Other

Your communities


Welcome

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 727066



Starting the interaction



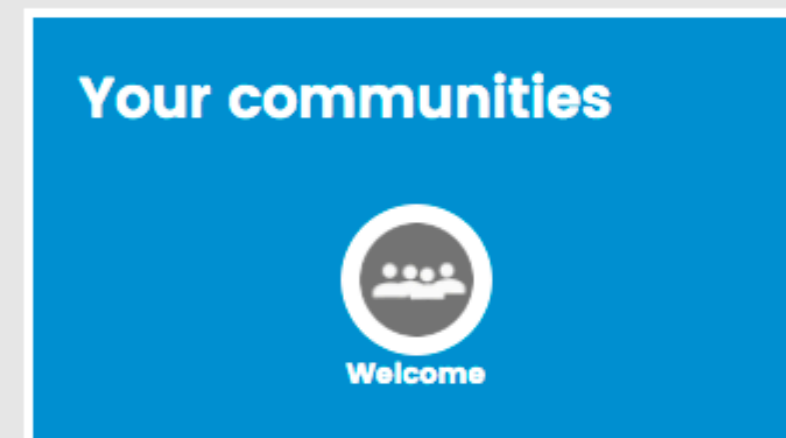
Welcome to WYRED

Welcome to the WYRED Platform. This is a space in which you can organise and discuss your WYRED research project. It is designed as a safe space in which you can be free to express yourself as you wish (for this reason everyone in here uses an avatar). You may use it as you want, to prepare and design your work, show it to other people in WYRED, discuss issues that you feel are important, share pictures and other things, and present the results of your explorations. The key idea of the WYRED platform is RESPECT, respect others here as you would like to be respected. Enjoy it!

Welcome

In this community you can introduce yourself and know more about the WYRED project.

[Read more](#)

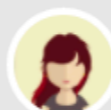


[Main](#)[Forums](#)[Members](#)[Welcome](#)

In this community you can introduce yourself and know more about the WYRED project.

[Members](#)

Fgarcla

Mairead
Mc Mullen

Nick Kearney



TGojkovic



Zuhal

Gizemag
yuz

Sedef



Gani Naylor



Maryor



Anna

Nametak.
SelmaSabine Zauchner-S
tudnicka

Haupt



Federica



Darati

1 of 2 [next](#)[Content](#)[Forum thread](#)[Start getting threads](#)[Unsubscribe from group](#)[Last threads](#)**Welcome**

07/07/2017 **New thread - how easy did you find enrolling and taking part in the community** [new](#)

06/07/2017 **Welcome** [new](#)

[Facilitators](#)

Admin


The communities



HOME COMMUNITIES EVENTS HELP MY ACCOUNT

COMMUNITIES WELCOME FORUM NEW THREAD - HOW EASY DID YOU FIND ENROLLING AND TAKING PART IN THE COMMUNITY


New thread - how easy did you find enrolling and taking part in the community

 Submitted by **darati** on Fri, 07/07/2017 - 07:51

Hi All,
just trying to get a discussion going!
Cheers,
Danny

[Add new comment](#)

Re: New thread - how easy did you find enrolling and taking...

 Submitted by **maryor** on Fri, 07/07/2017 - 10:49

Hi - this was easy as I was notified and directed exactly to this spot! This suits me very well to just make a comment and then go.....
Is it possible to just hit enter to send the message??

[reply](#)

Add new comment

Your name **fgarcia**

Subject
Re: New thread - how easy did you find enrolling and taking...

Response *

B I U [List icons] [Link icon] [Quote icon] [Text color icon] [Background color icon] [Undo icon] [Redo icon] [Omega icon] Ta... [Smiley icon] [Globe icon] [Refresh icon] [Image icon] [Emoji icon]


Full HTML [More information about text formats](#)

Attached files

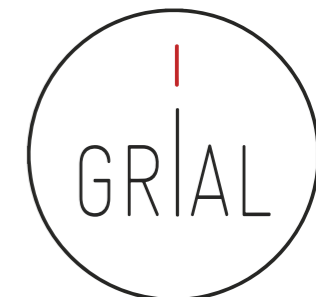
Add a new file
[Seleccionar archivo] Ningún archivo seleccionado [Upload](#)

[More information](#)

[Save](#) [Preview](#)



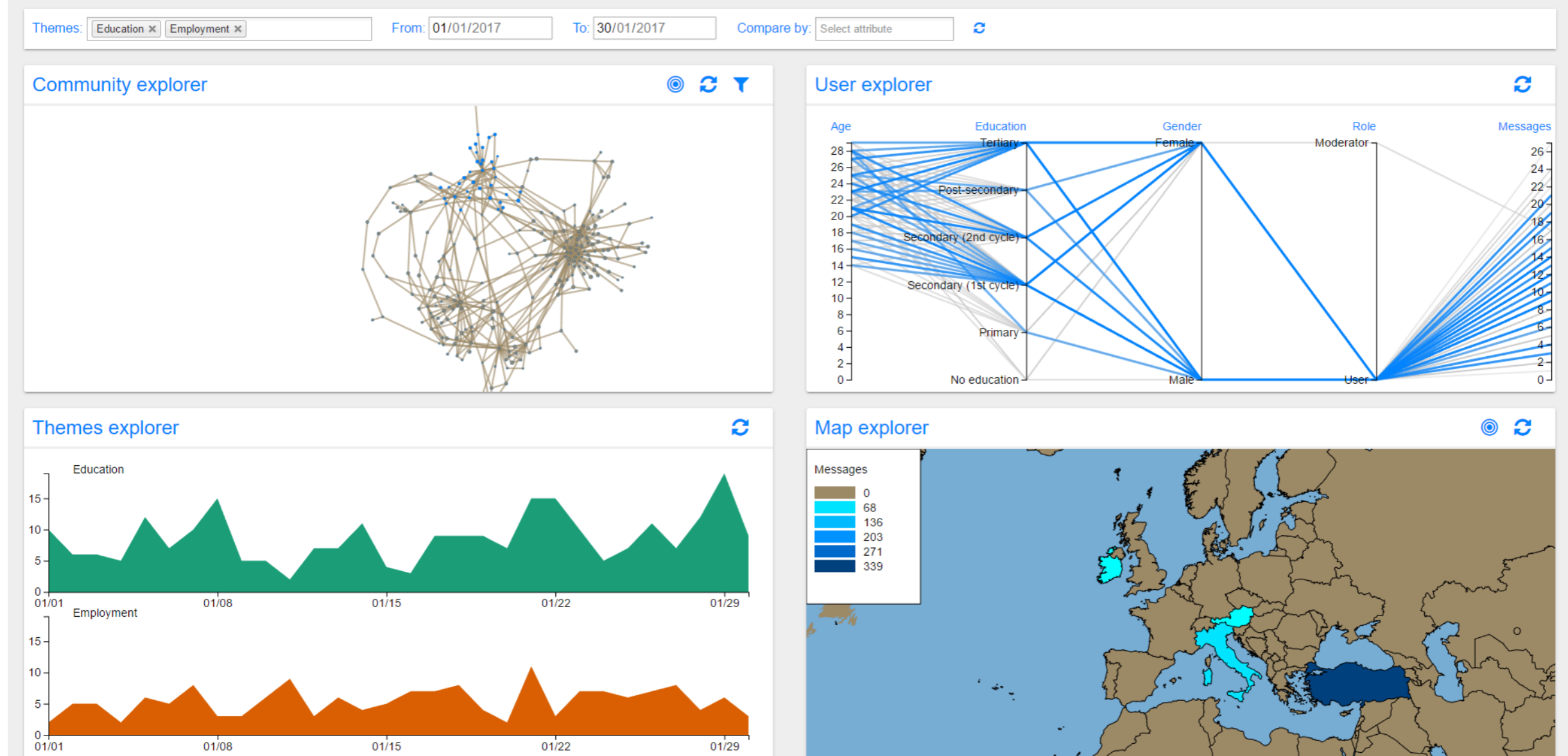
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Data visual analysis for researchers

What are the main communities on education and employment? What character they have?

WYRED Dashboard



Conclusions

- WYRED project has a very interesting challenge in order to aim its objectives regarding young people engagement into an interactive and creative process to know their opinion, expressed with their own voices, about the technological world they live including their relationships, experiences, believes and thoughts
- In an international and intercultural context, the technological ecosystem is an essential element
- Without a platform, the project is non-viable, also with a wrong design of the interactive processes

Conclusions

- One of the firsts tasks to be performed in this project has been the requirements elicitation process
- It has been done in an iterative and incremental way, requesting information to every project partner regarding three areas: **the data we need to manage, the services we have to offer** and **the non-functional aspects** that cover the more technical issues of the system and, more in a more important way, **the security and the privacy issues**
- The requirement elicitation is not an easy task, especially if your stakeholders are geographically dispersed by 7 countries, they have very different interests and cultural background and the most are not in habit to be involved in software requirements definition processes



Acknowledgments

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Department of Computers Science, Institute for Educational Research, GRIAL Research Group,
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{fgarcia, jorge.d}@usal.es

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