



## Casos de participación exitosa en el Programa SwafS

# PERFORM

Isabel Ruiz Mallén

Internet Interdisciplinary Institute-Universitat Oberta de Catalunya



Horizon 2020  
European Union funding  
for Research & Innovation

InfoDay, Madrid  
16 Feb, 2016

# PERFORM

## Participatory Engagement with Scientific and Technological Research through Performance

SEAC.1.2014.2015- *Innovative ways to make science  
education and scientific careers attractive to young people*  
>100 submitted, 5 funded

- Who
- What
- How
- Why

# Who

---

1	UOC	Universitat Oberta de Catalunya	Spain
2	UAB	Universitat Autònoma de Barcelona	Spain
3	TBVT	The Big Van Theory	Spain
4	UoB	University of Bristol	United Kingdom
5	SMS	Science Made Simple	United Kingdom
6	UoW	University of Warwick	United Kingdom
7	AJA	L'Atelier des Jours à Venir	France
8	LAC	Les Atomes Crochus	France
9	UNESCO	United Nations Educational, Scientific and Cultural Organization	France
10	EUSEA	European Science Events Association	Austria

---



Kick-off meeting, Barcelona 16-18 Nov 2015

# What

*RIA:* Research and Innovation Action

1.997.252,50 € (Nov 2015-Oct 2018)

Case studies in 3 countries: France, Spain & UK

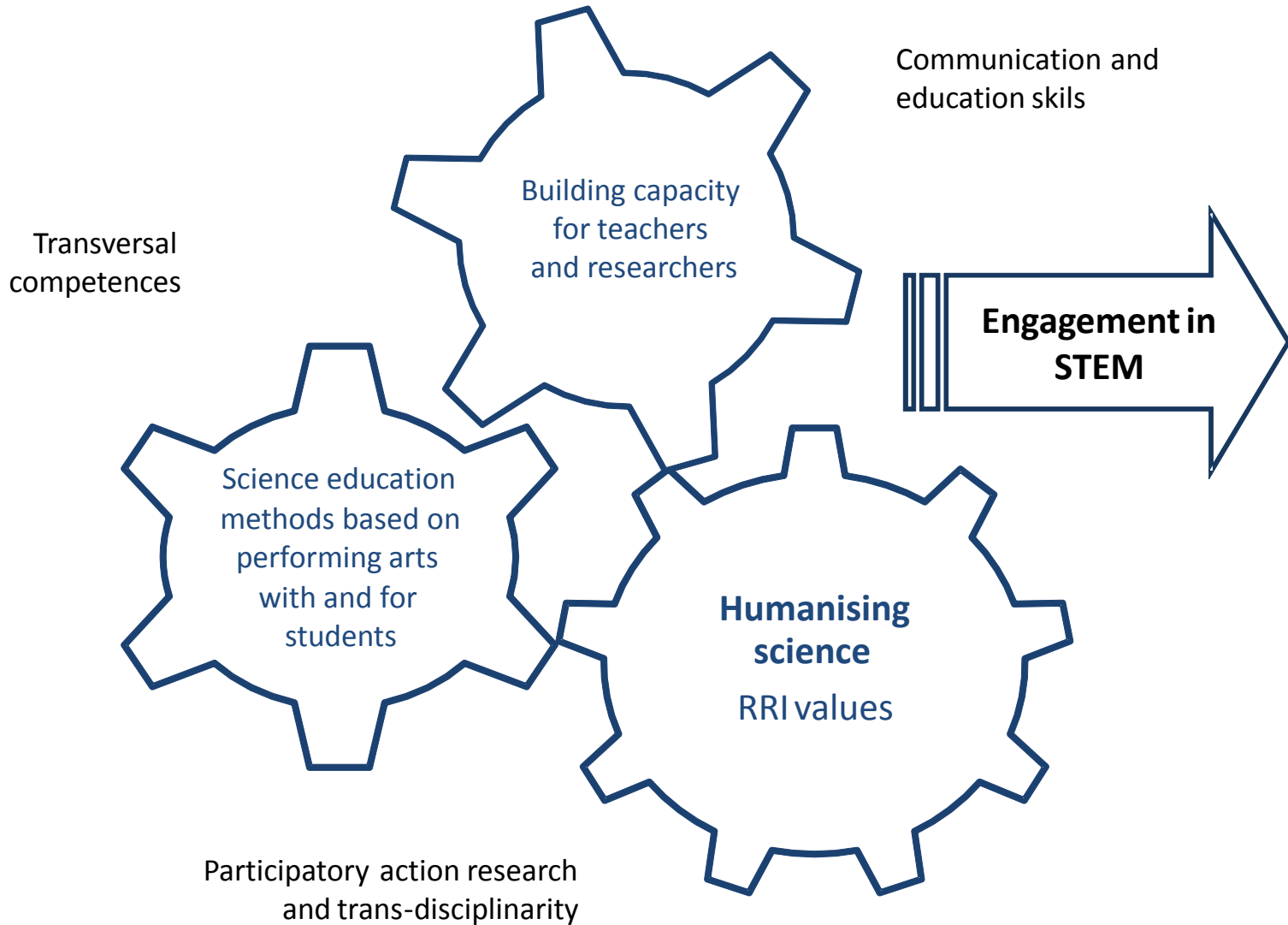
*Objective:*

To deeply investigate the effects of the establishment of a **direct interaction and communication between young people and researchers** in the promotion of young people's **motivations and engagement** in science, technology, engineering, and mathematics (**STEM**). Such direct interaction and communication will be established by using innovative science education methods based on **performing arts approaches**.

*Specific objectives:*

- To explore **new science education methods based on scenic arts** that lead secondary school students to understand and to learn about STEM.
- To **identify and challenge limitations faced by secondary school teachers and early career researchers** in teaching and communicating STEM to young people.
- To **assess the impact** of the participatory educational process in fostering secondary school students' motivations and engagement in science and with RRI values.
- To implement a **sound communication strategy** for the dissemination and exploitation of the research results for widespread policy adoption and implementation across Europe.

# How





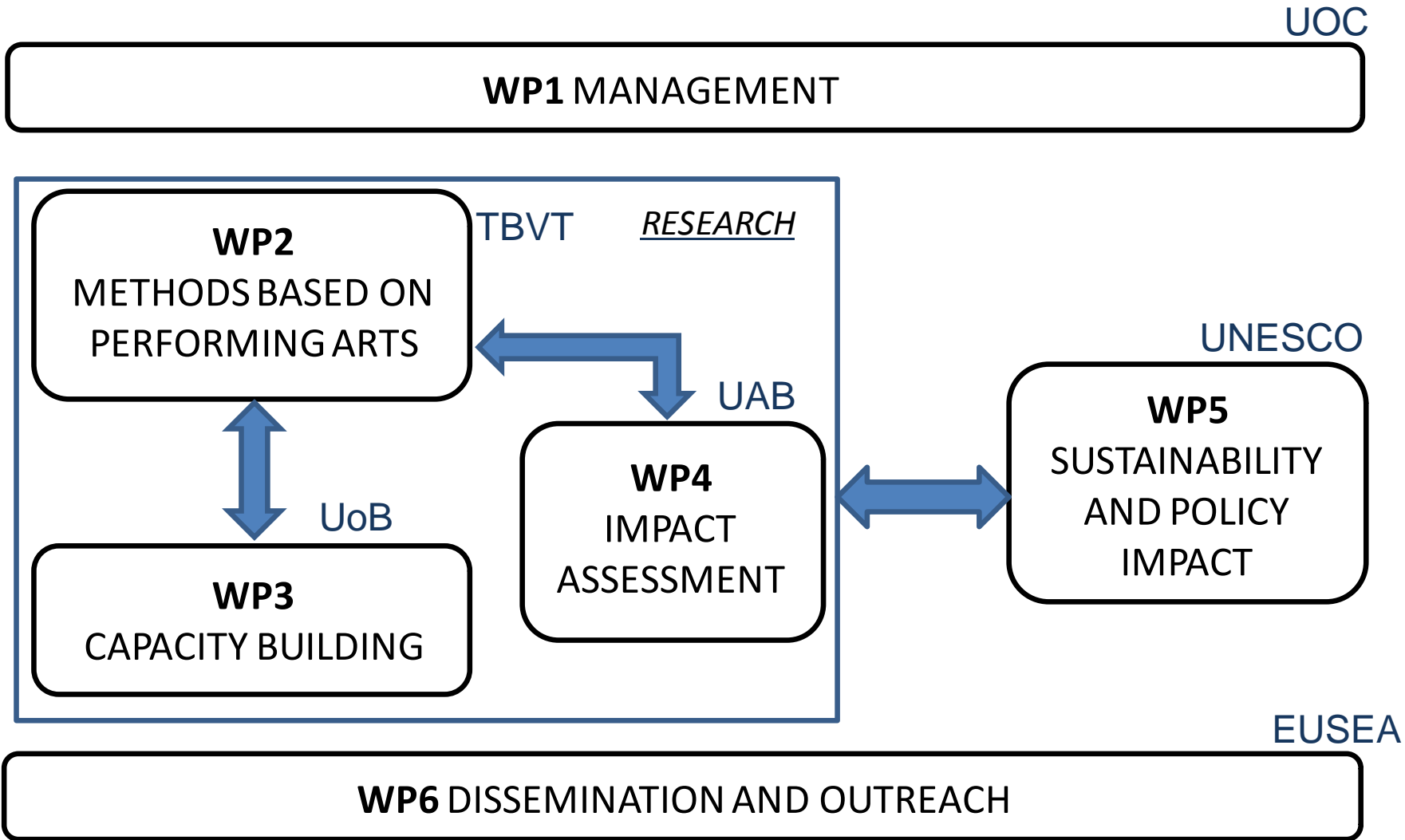
# Conceptual approach

**Responsible Research and Innovation (RRI)**

**Science education contexts**

**creative thinking, gender equity, inclusiveness, openness,  
and mutual learning**

# Work packages





<https://www.youtube.com/watch?v=TsSDpbcR3-w>  
 Perform Project Kick off meeting final

# Why

- Feb – Oct 2014 (non-stop June- Oct)
- Quick answers and valuable contributions by 70%-80% of the consortium
- Europa Dinamización H-FACTOR

# CE Evaluation report

- *A particularly strong aspect of this proposal is the emphasis on an **innovative and well-elaborated pedagogy that highlights the gender-related, social, civic and ethical aspects of responsible research and innovation** in science education.*
- *The approach is excellent and ambitious; it covers a wide range of theories and is backed-up with existing research data - **clearly moving beyond the state of the art across different academic disciplines.***

# CE Evaluation report

- *The objectives are **very clearly defined** and the strategy and methodology are **excellently developed**.*
- *Innovative and trans-disciplinary applications are excellently addressed, and the **context-related differences are taken into consideration**.*
- *The **evaluation techniques are highly credible**, and quantitative and qualitative methods are combined excellently.*



Horizon 2020  
European Union Funding  
for Research & Innovation

## CONTACT

[www.perform-research.eu](http://www.perform-research.eu)

Coordinator: Isabel Ruiz Mallén – [iruiz\\_mallen@uoc.edu](mailto:iruiz_mallen@uoc.edu)

Tel: +34 93 253 5743

Project manager: Marina Di Masso – [mdi\\_masso@uoc.edu](mailto:mdi_masso@uoc.edu)