

Access to EU research funding by
stimulating and demonstrating societal impact

AESIS

NETWORK FOR
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE



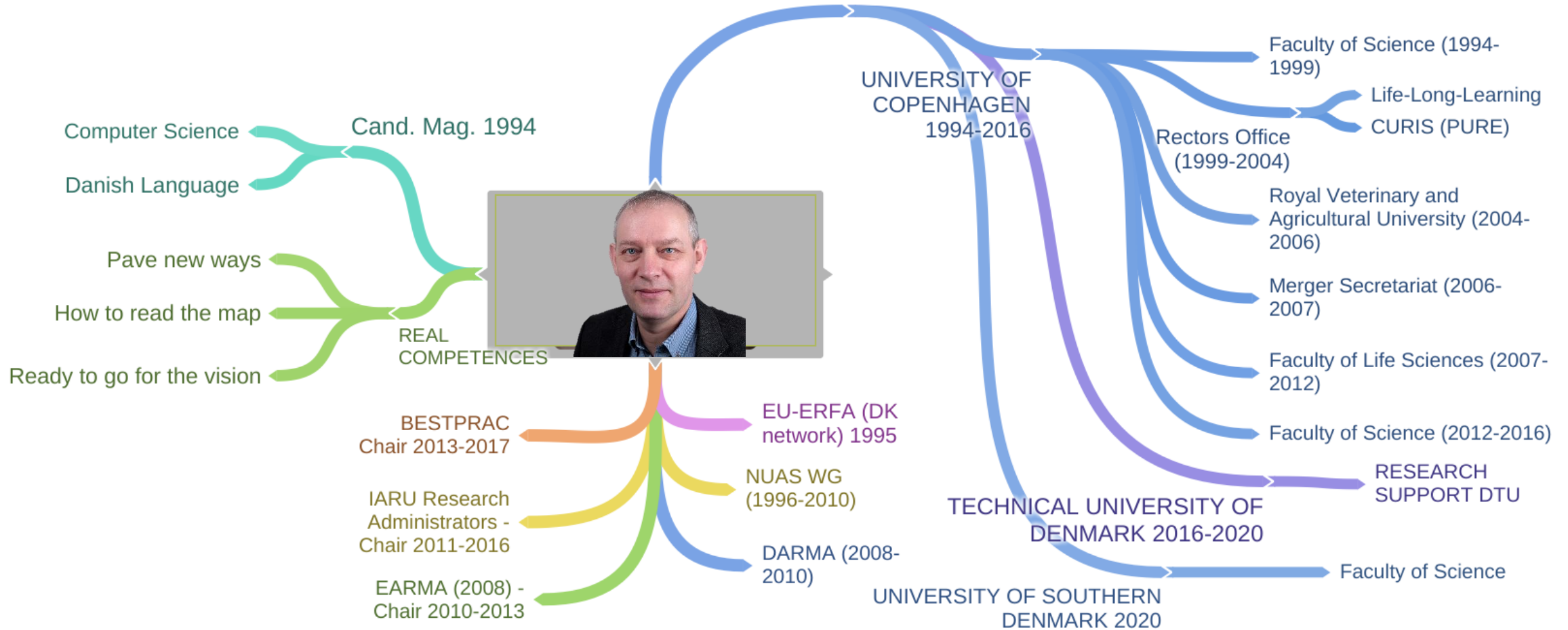
Where is impact leading us?

A perspective of the changing framework of “impact” and
new implications pointing to the future

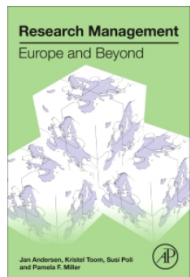
Three perspectives of Impact

- Funder
- Researcher
- Society

JAN ANDERSEN



ELSEVIER



Research Management

1st Edition

Europe and Beyond

☆☆☆☆☆ [Write a review](#)

Authors: Jan Andersen, Kristel Toom, Susi Poli, Pamela F. Miller

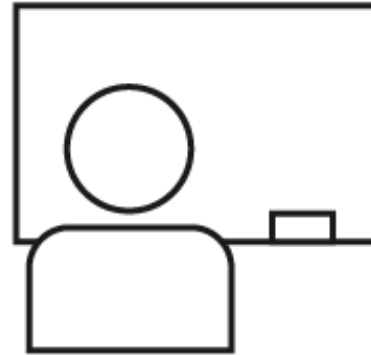
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University of Southern Denmark

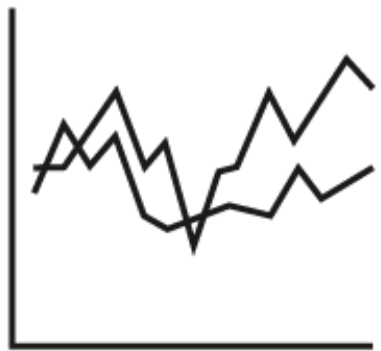


3766
employees
(full-time
equivalents)



27,659
students

Key figures



DKK 3.2
billion in
revenue



6
cities

2018 figures

Where is impact leading us?

A perspective of the changing framework of “impact” and new implications pointing to the future

Research Exercise Framework – United Kingdom (1986 RAE)

-> Bibliometrics -> academic value of research -> Impact

Horizon Europe: tackles climate change, helps to achieve the UN’s Sustainable Development Goals and boosts the EU’s competitiveness and growth.

The programme ...strengthens the impact of research and innovation in ... EU policies while tackling global challenges. It supports creating and better dispersing of excellent knowledge and technologies.

It creates jobs, ... boosts economic growth, promotes industrial competitiveness and optimises investment impact within a strengthened European Research Area.



Why did impact become important?

Barcelona: European Council’s objective to raise overall R&D investment to 3% of GDP by 2010 (March 2000)

European Research Area



2/3
of EU productivity growth
over the last decades
has been **driven by R&I investments**



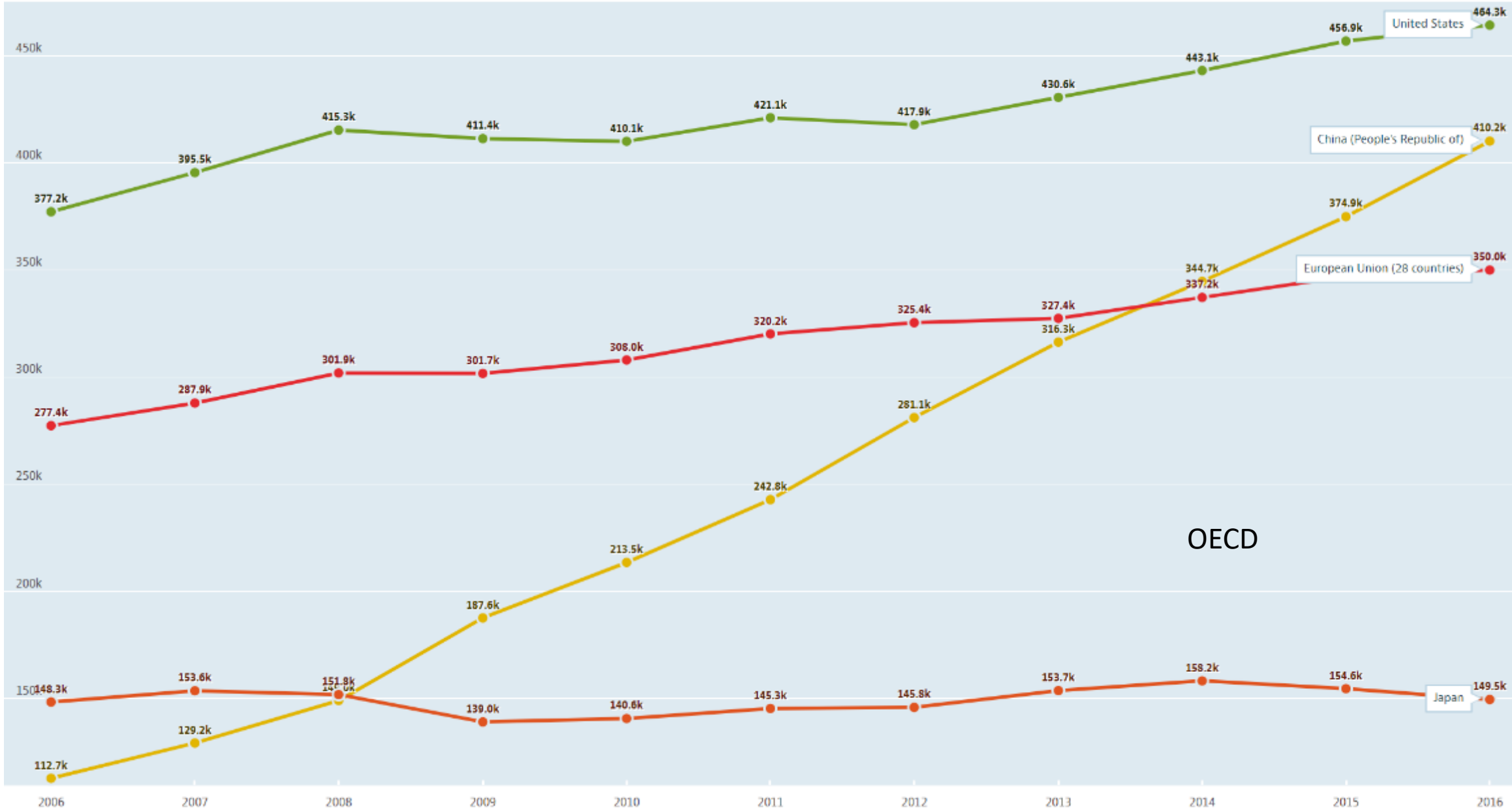
up to €11
of GDP gains
over 25 years can be
potentially generated by
each euro invested at
EU level in R&I



€400-600 billion
by 2030 is the
estimated GDP gain from
Horizon 2020

Europe must invest in research and innovation to keep its scientific and technological leadership

Gross domestic spending on R&D Total, Million US dollars, 2006 – 2016

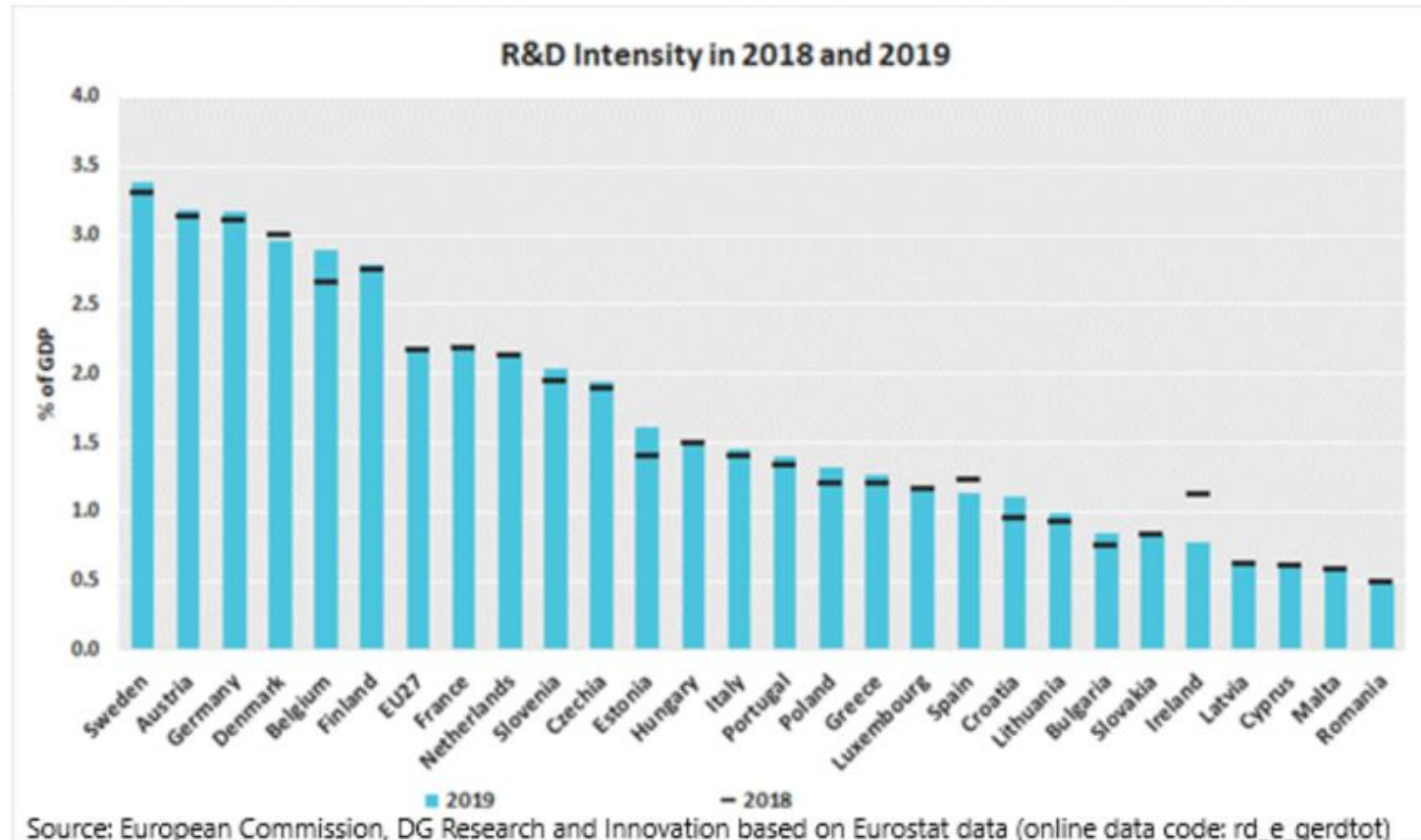


Development in funding of R&D

OECD

Research spending increased in seventeen EU member states last year

By Goda Naujokaitytė



<https://sciencebusiness.net/news-byte/research-spending-increased-seventeen-eu-member-states-last-year>

Public and private spending on research increased in seventeen EU member states in 2019, according to the latest Eurostat data.

What's next?

Horizon 2020: 77 B€

Horizon Europe: 80,9 B€

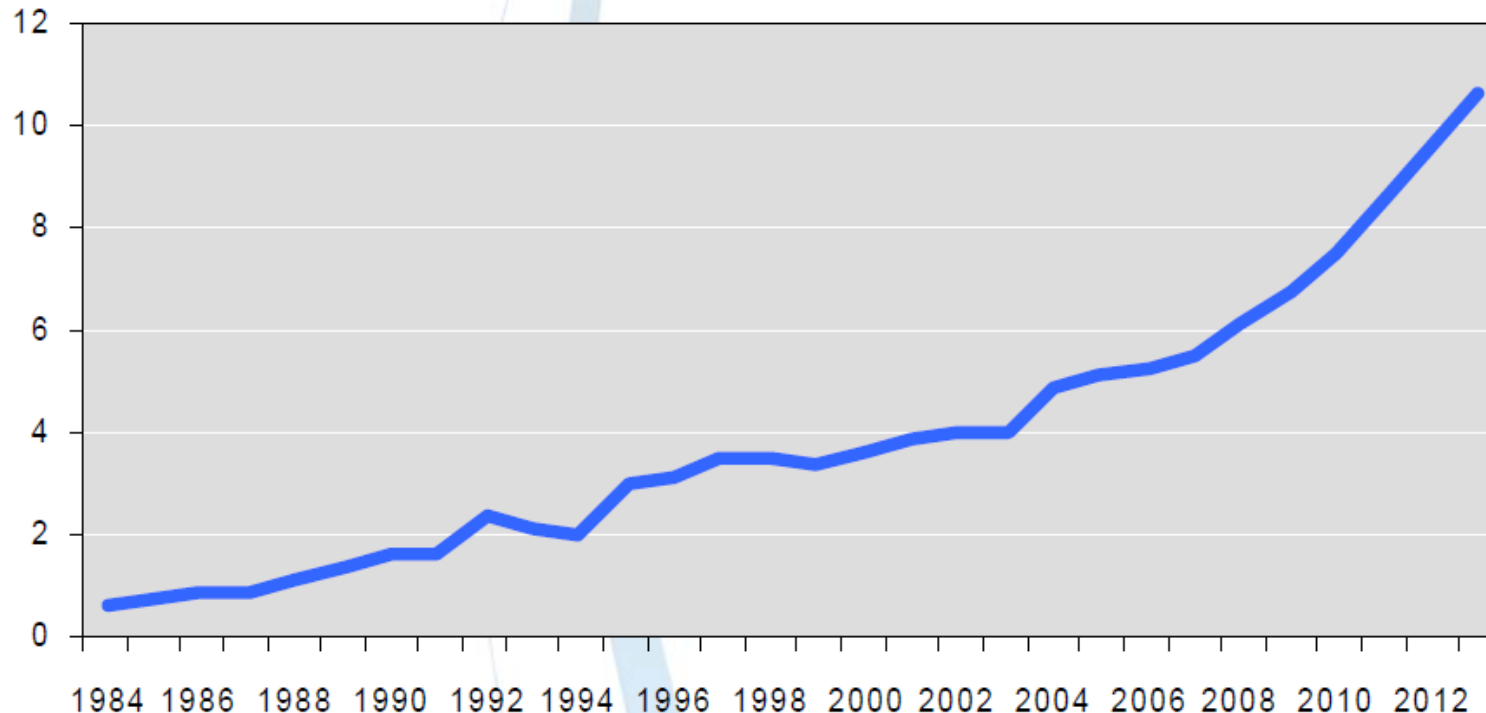
Missions

EU Research Framework Programmes

Annual Budgets between 1984 and 2013



€billion



NB: budgets in current prices. Source: Annual Report 2003, plus FP7 revised proposal

Missions

Compete for
budget

Missions will

- be bold, inspirational and widely relevant to society
- be clearly framed: targeted, measurable and time-bound
- **establish impact-driven but realistic goals**
- mobilise resources
- link activities across different disciplines and different types of research and innovation
- drive a systemic change and transform landscapes rather than fix problems in existing ones
- **make it easier for citizens to understand the value of investments in research and innovation**

Areas where there will be missions

- cancer
- adaptation to climate change including societal transformation
- healthy oceans, seas coastal and inland waters
- climate-neutral and smart cities
- soil health and food

CONCLUSION:

TAX PAYERS MONEY

COMPETING NEEDS

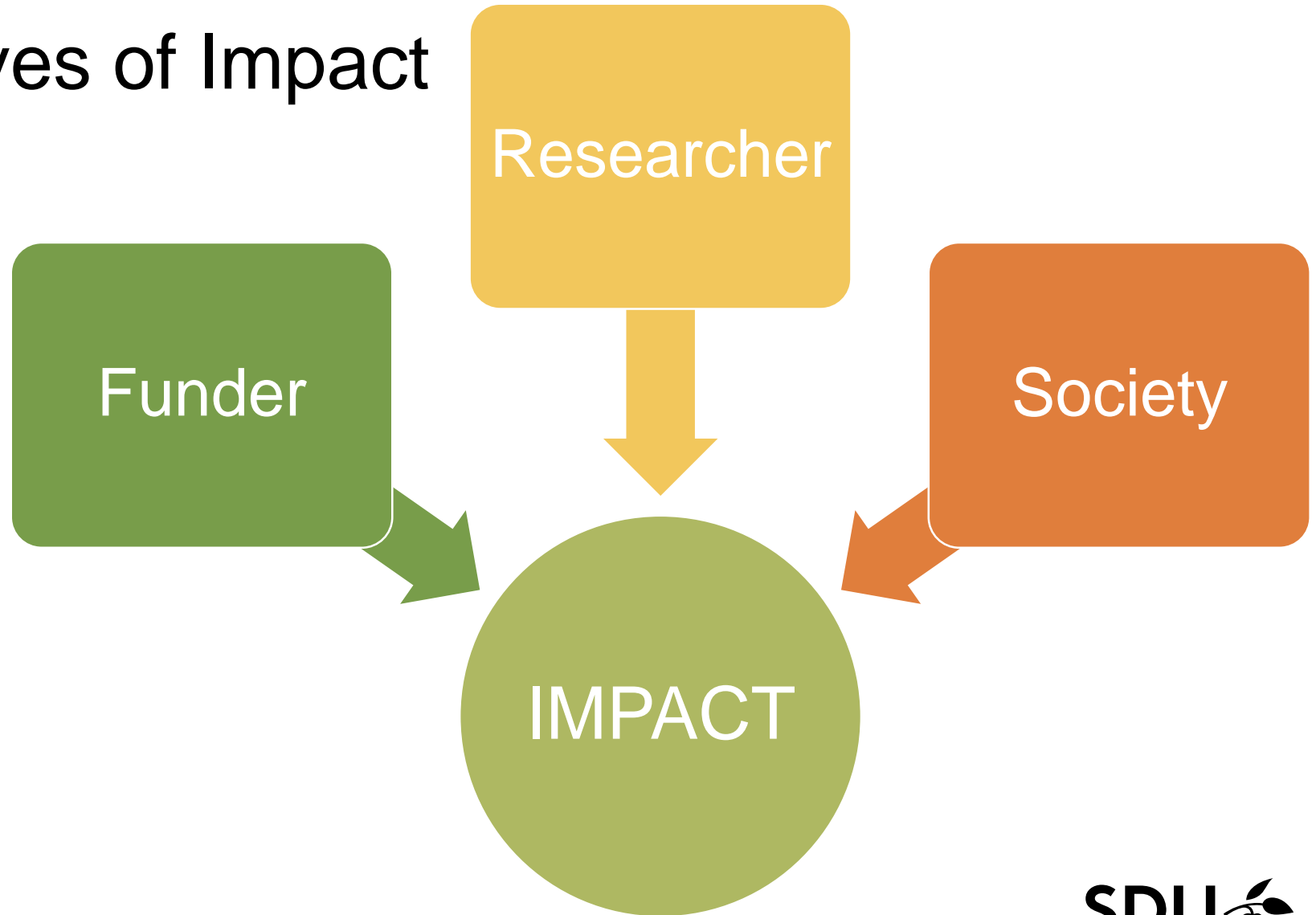
POLITICS

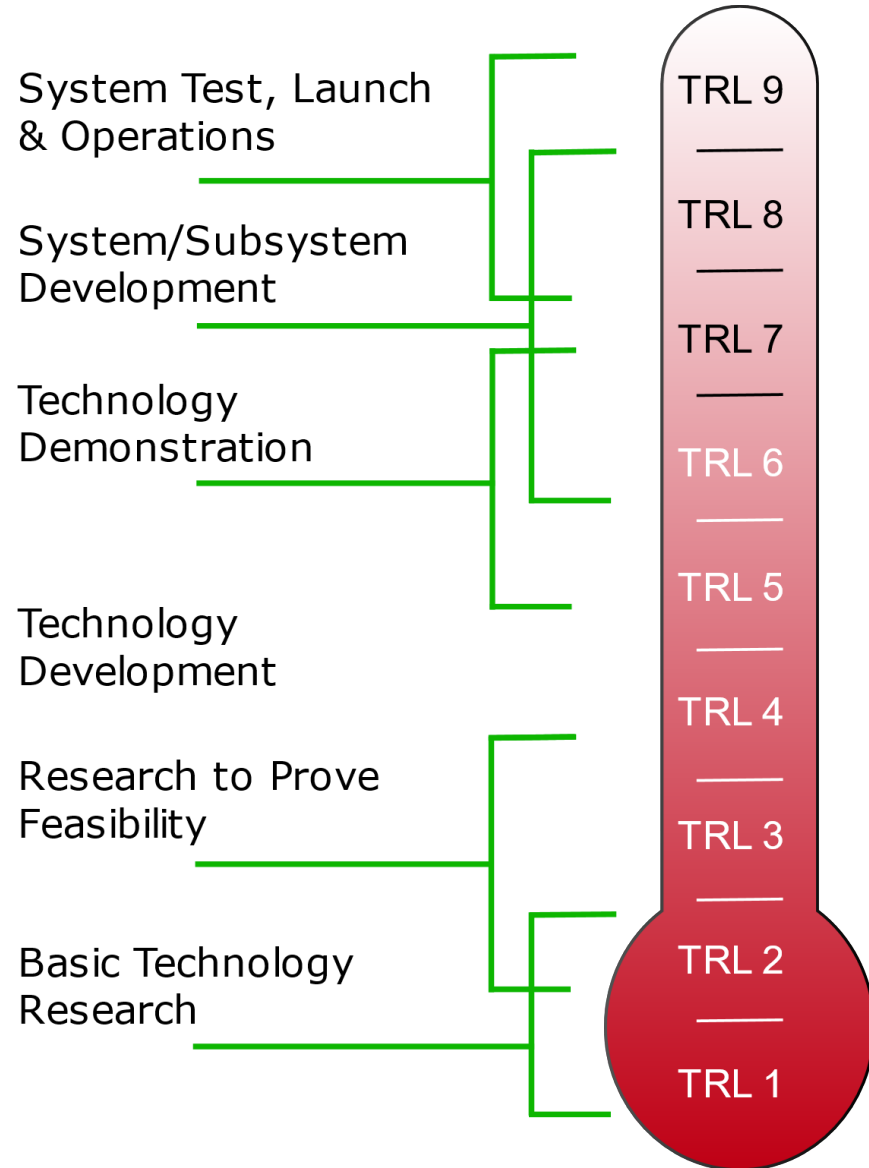
MINISTERS OF FINANCE

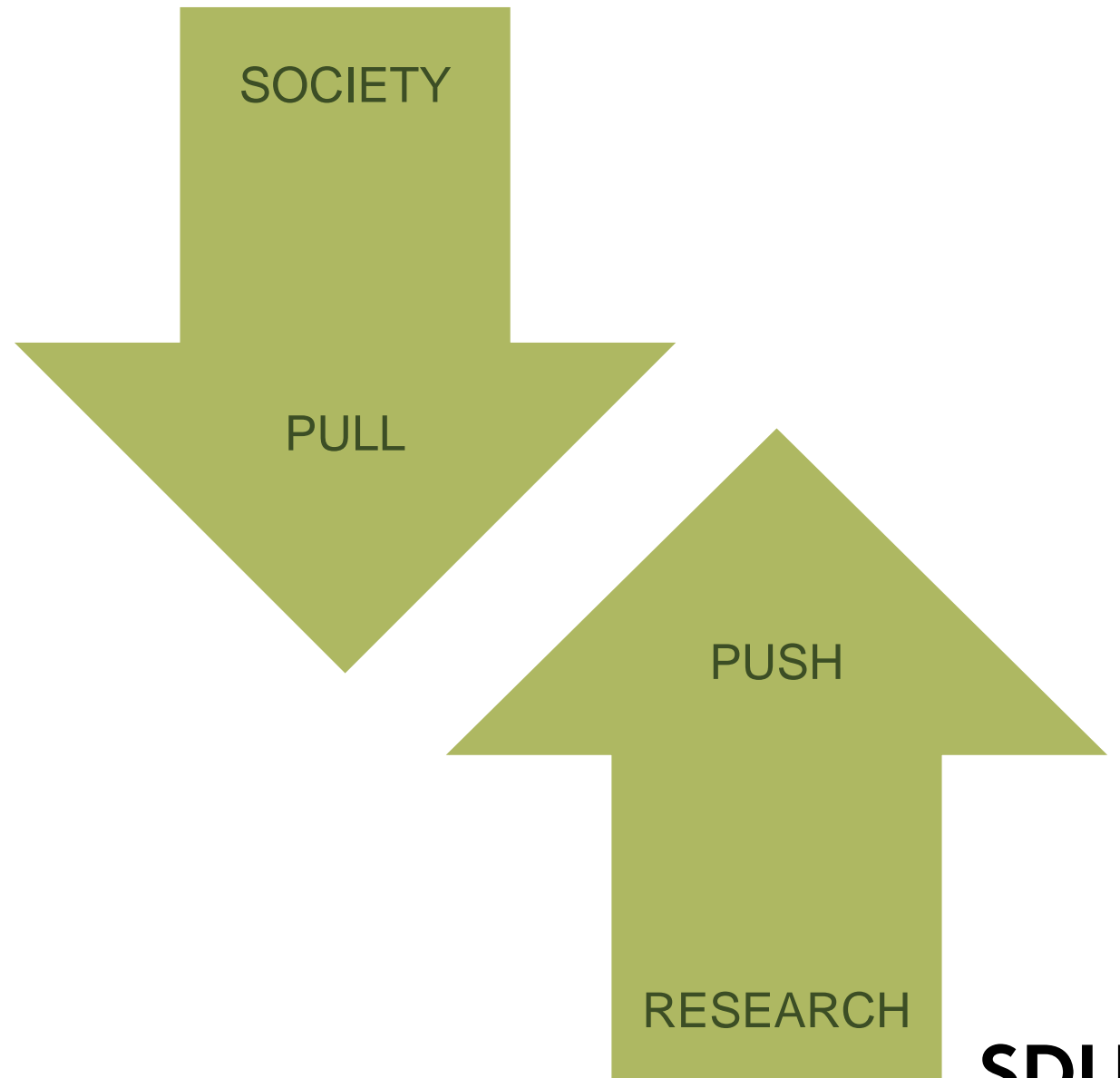
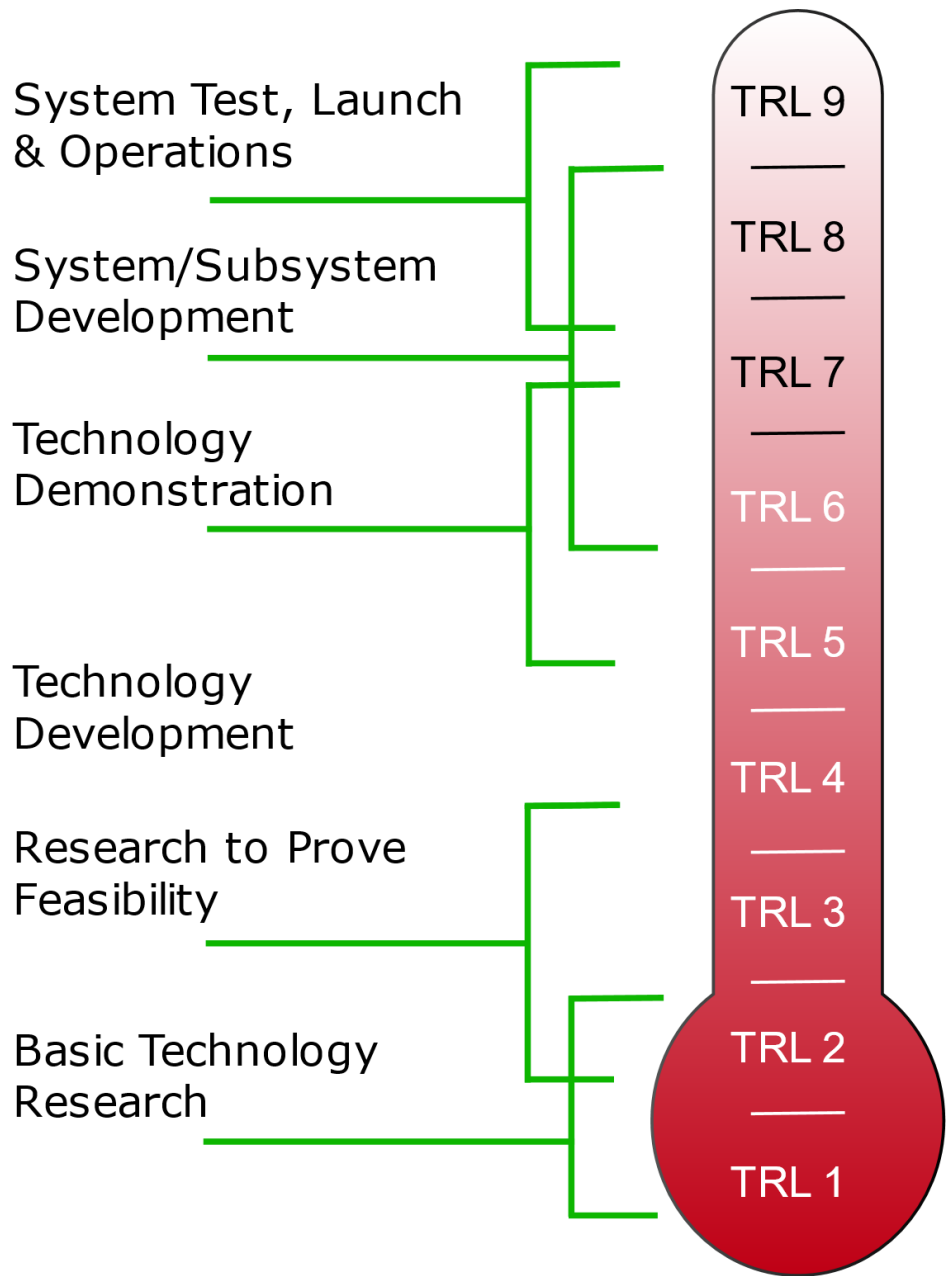
But what is IMPACT?



Three perspectives of Impact





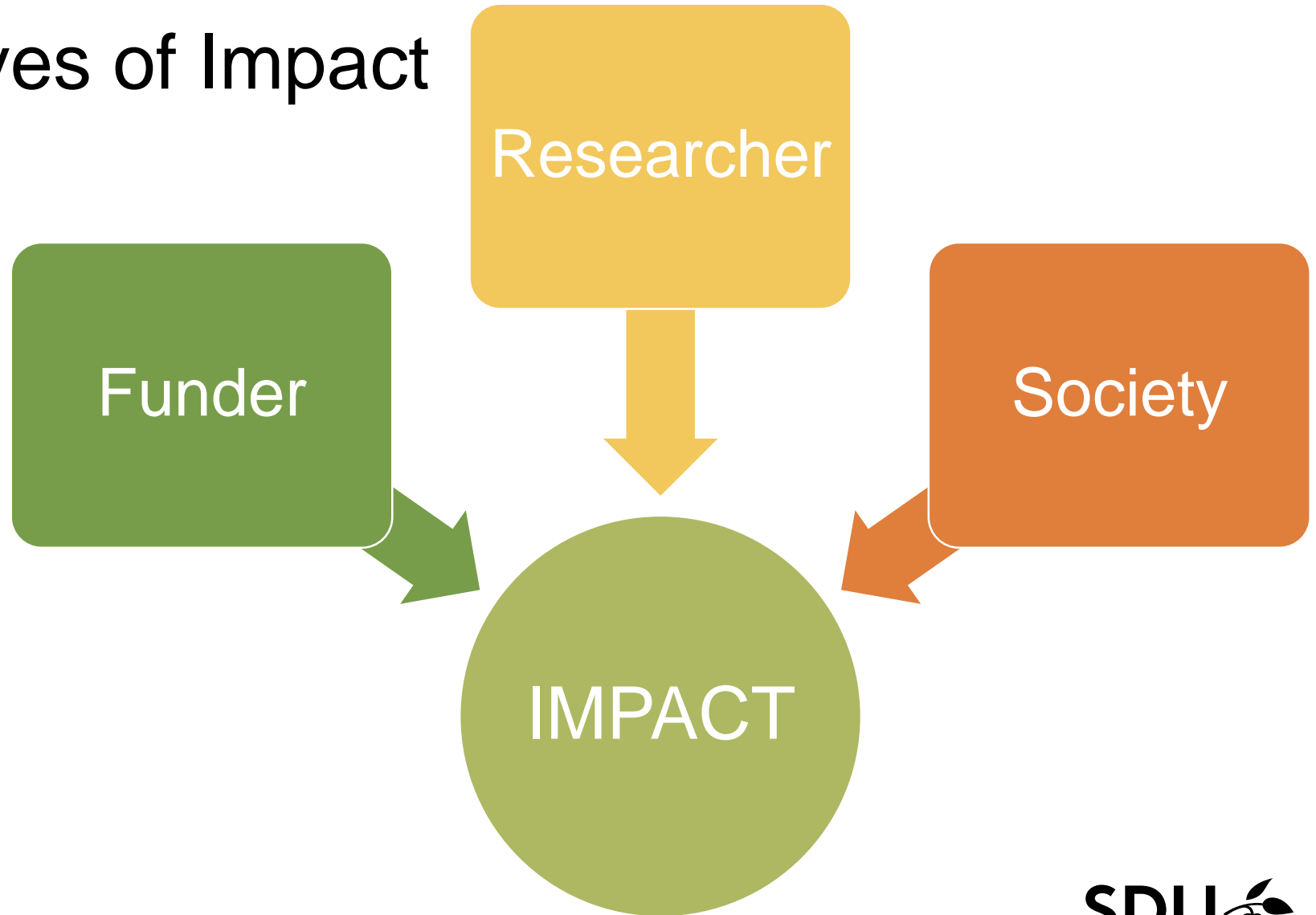


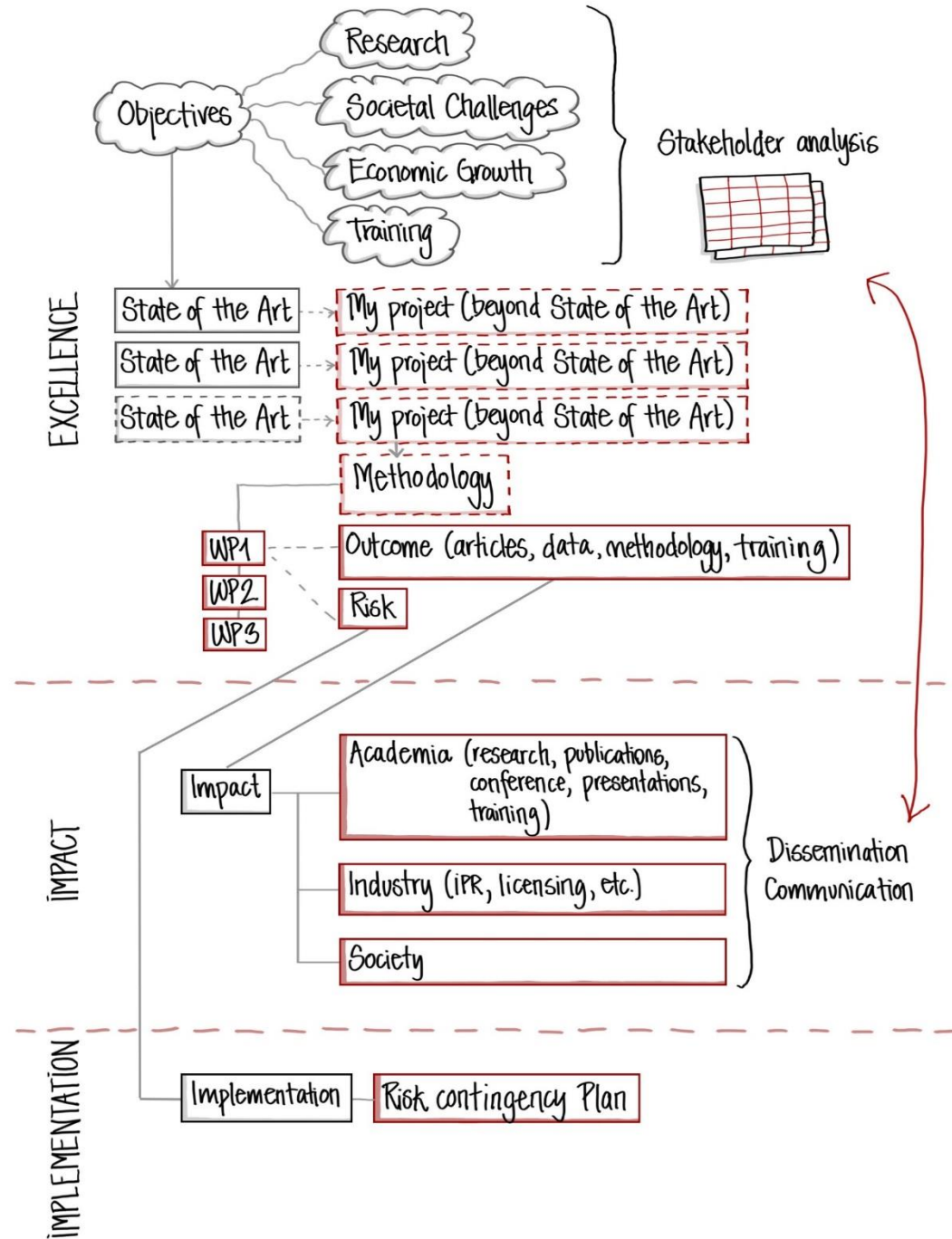
Question for group work:

**1. Identify 3-5 keywords
for impact**

**2. Rank keywords after
importance**

Three perspectives of Impact





STAKEHOLDER ANALYSIS									
TRL	1	2	3	4	5	6	7	8	9
Role									
Input									
Output									
Who, How, When									

