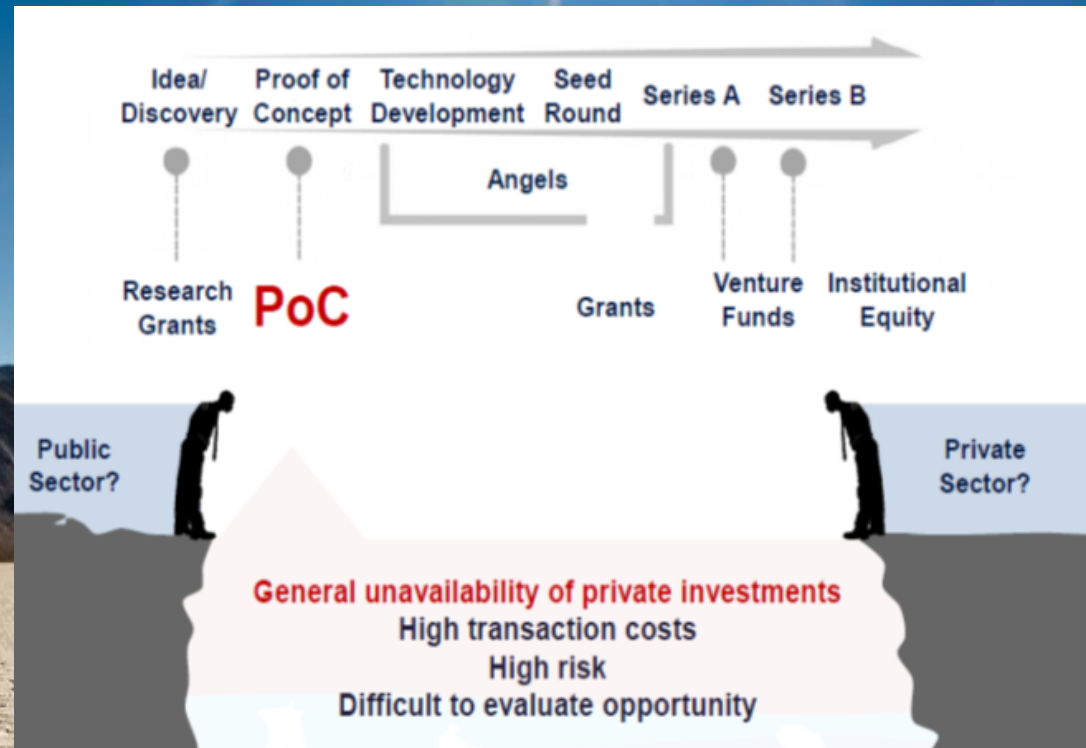


Introducing the Competence Centre on Technology Transfer

Netval summer school, 11 September 2020

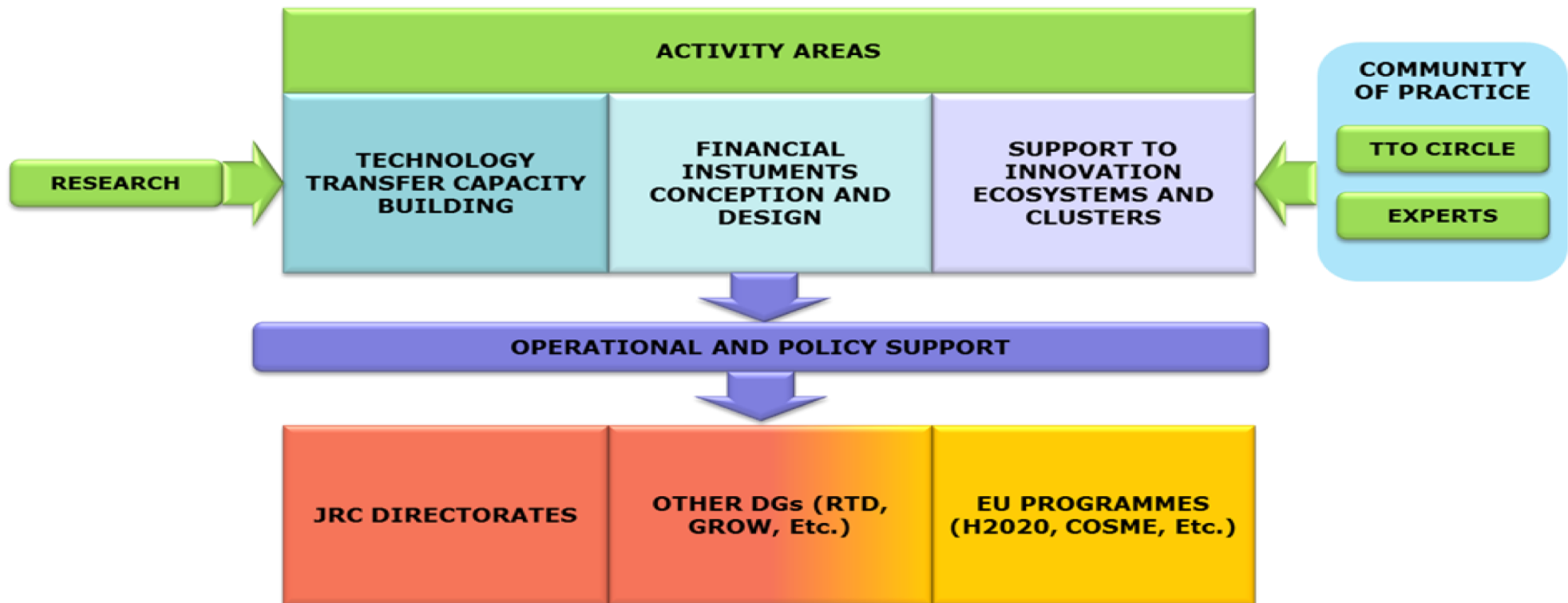
**Giancarlo Caratti, Head of Unit,
Intellectual Property and Technology Transfer
European Commission, DG Joint Research Centre**



Competence Centre for Technology Transfer

- To create a single reference point for expertise on technology transfer at the EC
- Support the entire EU policy cycle, from the upstream concept stage to the downstream implementation phase.
- To deepen understanding and knowledge of technology transfer through research and aggregation of results and best practices

Competence Centre for Technology Transfer



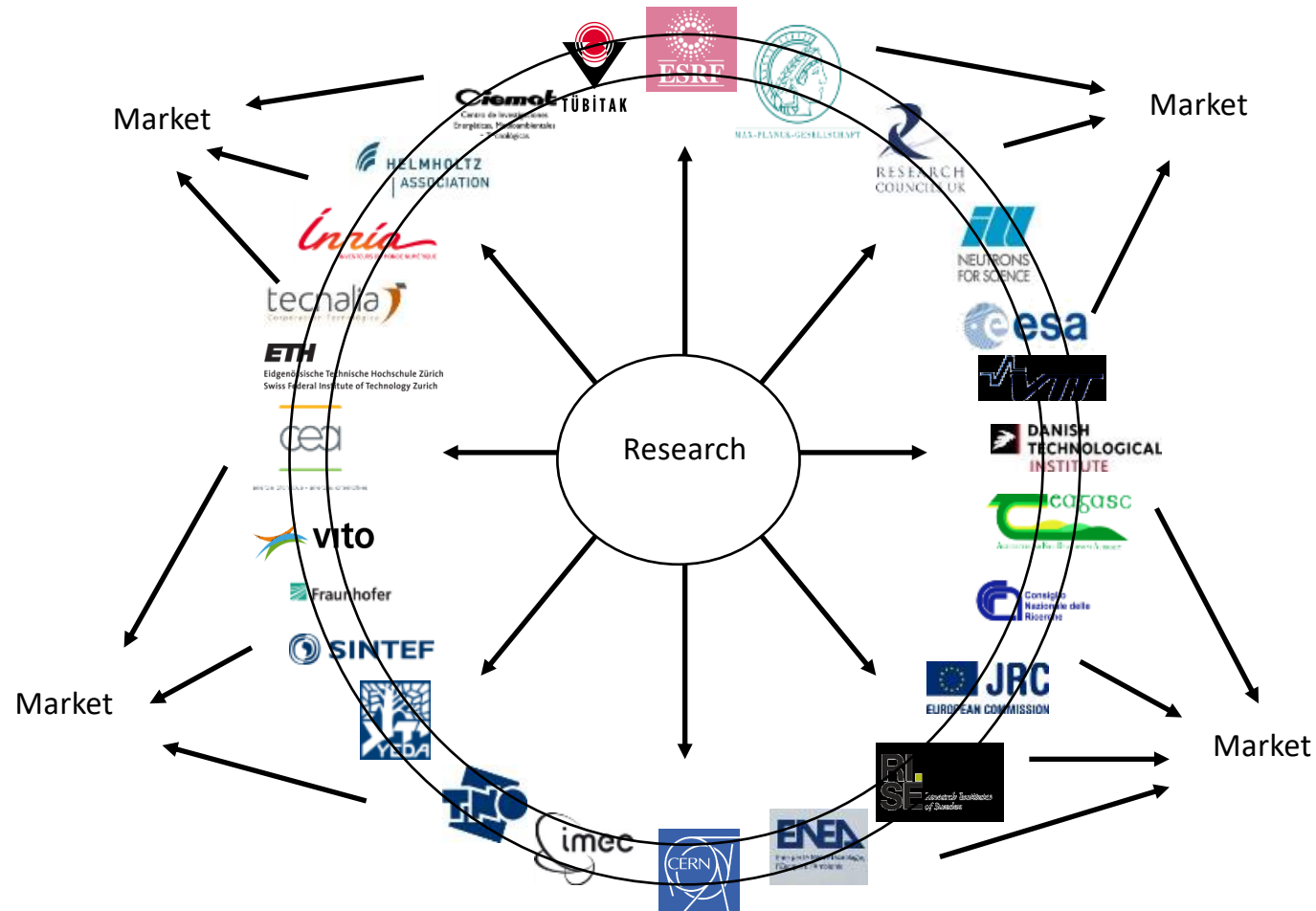
The smart specialisation

THE SMART SPECIALISATION PLATFORM



**Technology Transfer is an
implementation tool of
Smart Specialisations**

30+ Public Research Organizations
200.000 staff
35.000 patents
4.200 Startups
5.200 software



Supporting EC DGs/MS with Expertise and Competences

- RTD – Conception and ex-ante evaluation of InnovFin TT
- DG NEAR – Coordination of TT related capacity building measure in the Western Balkans
- DG NEAR - Regional proof of concept support scheme for the Western Balkans
- DG REGIO – Assessment and recommendations on improving operational performance of Sofia Tech Park
- DG REGIO – Strategic Evaluation of Bulgarian Centres of Competence and Centres of Excellence
- DGs RTD/NEAR – Benchmarking study of TT ecosystems in 12 neighbourhood countries
- DG COMP – Study on the application of the state-aid regulation to RDI organisations
- Slovakia/DG REGIO – evaluation study on STP project in Kosice

Studies

- IP collateralisation and securitisation (2016)
- PPPs in Science and Technology Parks and Innovation Districts (Q1 2020)
- Corporate Venturing (Q1 2020)
- Technology Transfer Metrics (Q1 2020)
- Innovative investment models for sustainable and inclusive urban innovation ecosystems (Q4 2020)
- Technology Transfer Metrics II (Q4 2020)
- TT Knowledge Management (2021)
- China Flagship Report II (Chapter on IP and TT)

Covid-19 related support

- Together with DGs GROW, RTD and SANTE and SEC GEN possibilities for creation of a patent pool for Covi-19 related technologies. In collaboration with UN Medicines Patent Pool
- Supporting DG GROW and Commission's Clearing House in relation to PCR test kits and reagents

EC-JRC & ASTP collaboration

European Expert Group
on KT Metrics Harmonisation

Objective



- JRC Expert Group was set-up in partnership with ASTP to:
 - Identify a core set of harmonised metrics
 - Specify conditions and actions towards a European-wide collection of such indicators



Christophe
Haunold



Petra
Karanikic



Andrea
Piccaluga

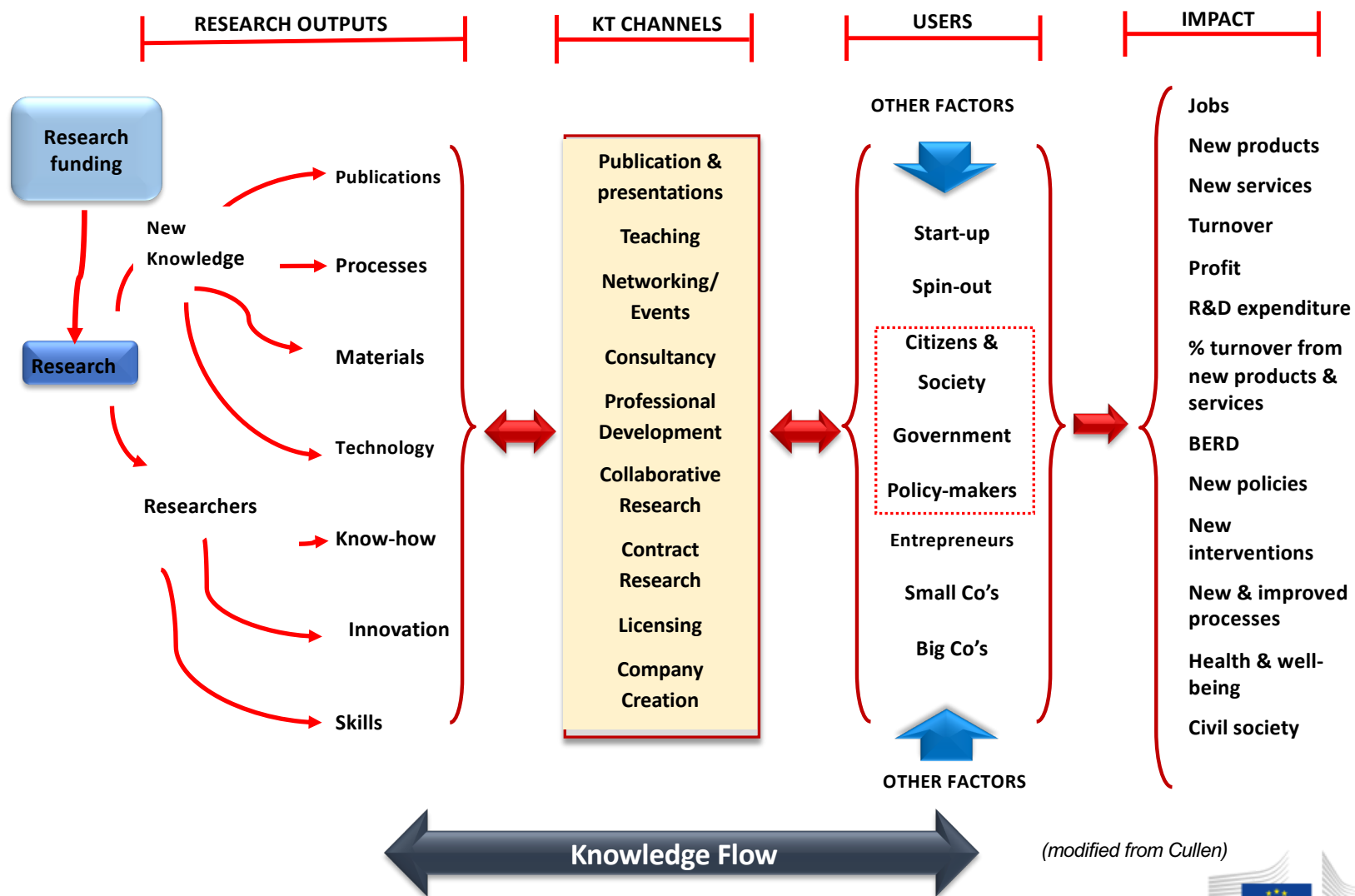


Cecile
Cavallade
(ASTP liaison)



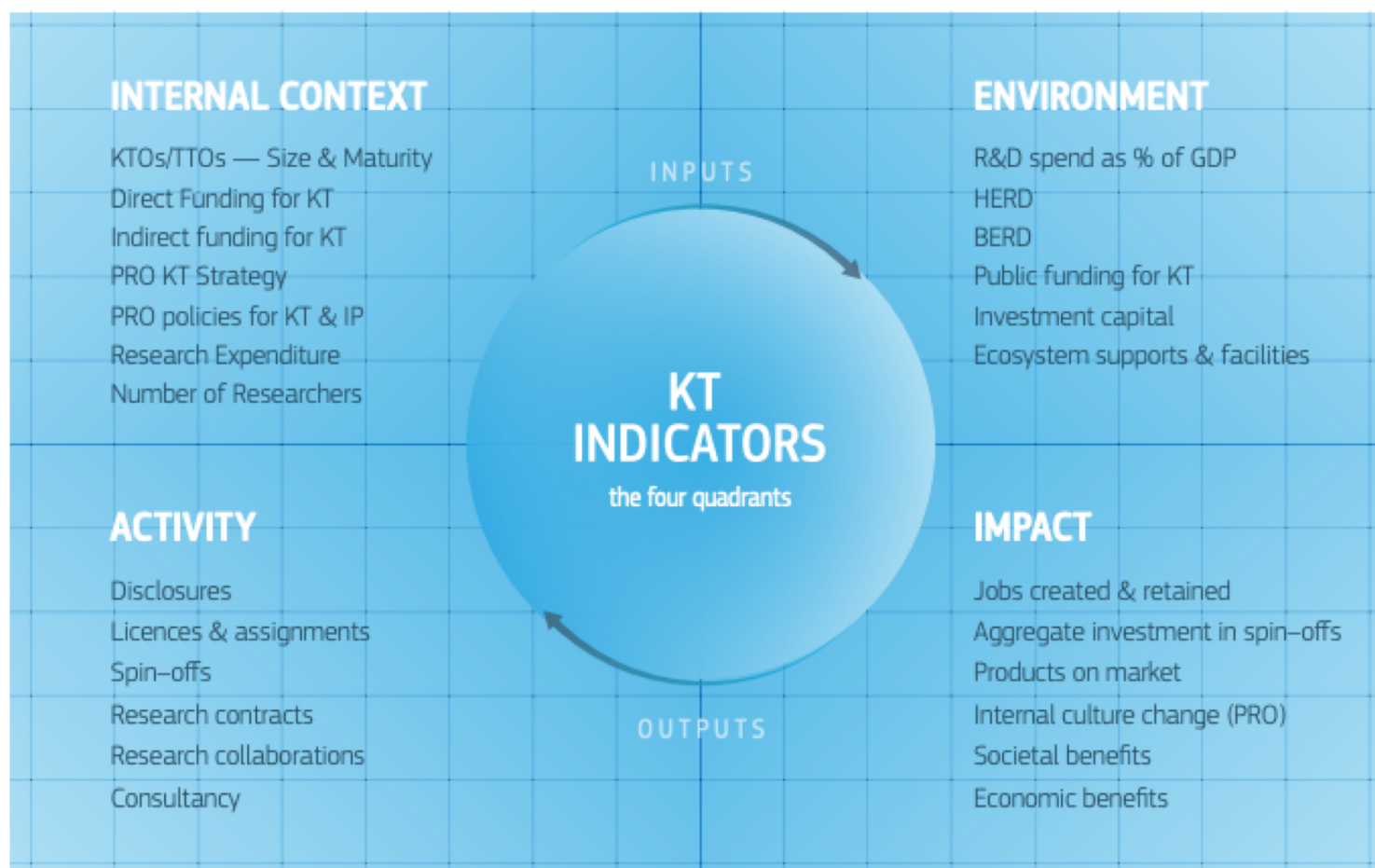
Alison
Campbell
(Chair)

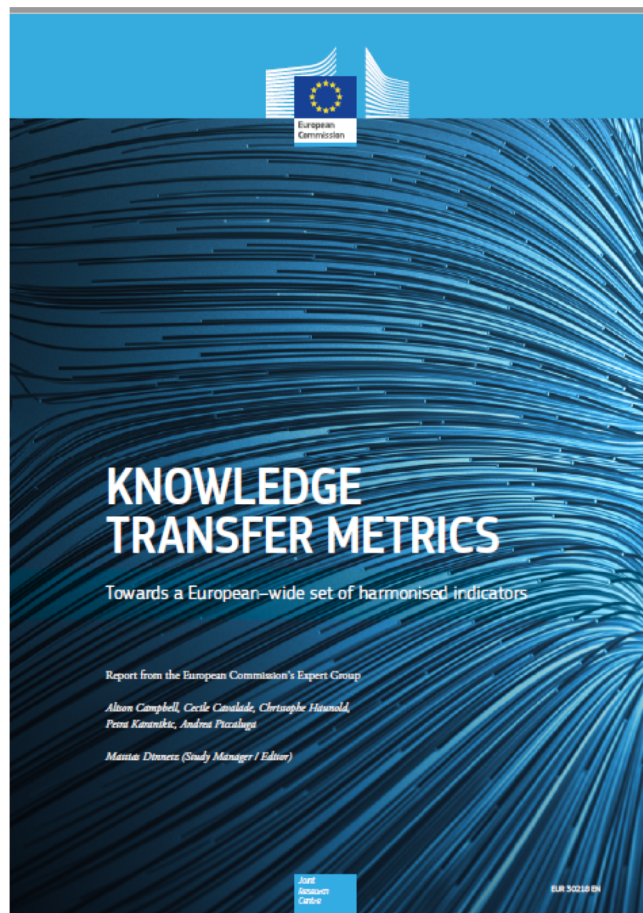




(modified from Cullen)

KT Indicators: the four quadrants





10 recommendations

https://publications.jrc.ec.europa.eu/repository/bitstream/JRC120716/kt_metrics_report.pdf

Recommendations 1-5

1. Indicators should span the range of KTT channels
2. Indicators should reflect both inputs and outputs
3. Numbers alone are not sufficient to understand the outcomes from KTT
 - + evidence based case studies.
4. Harmonised indicators not a league table of good or bad performance
 - Use for tracking development and trajectory of KT
5. A common set of definitions be adopted, as proposed in 2009 EU Report

Recommendations 6-10

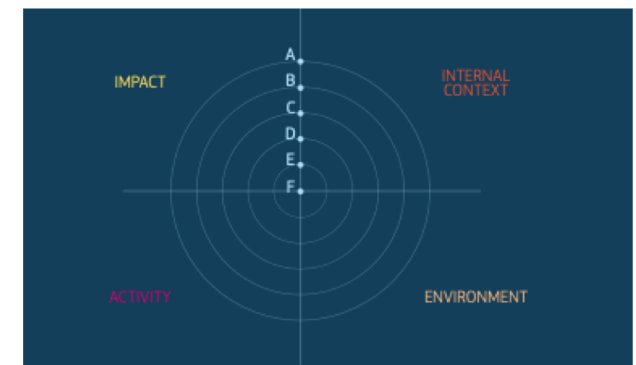
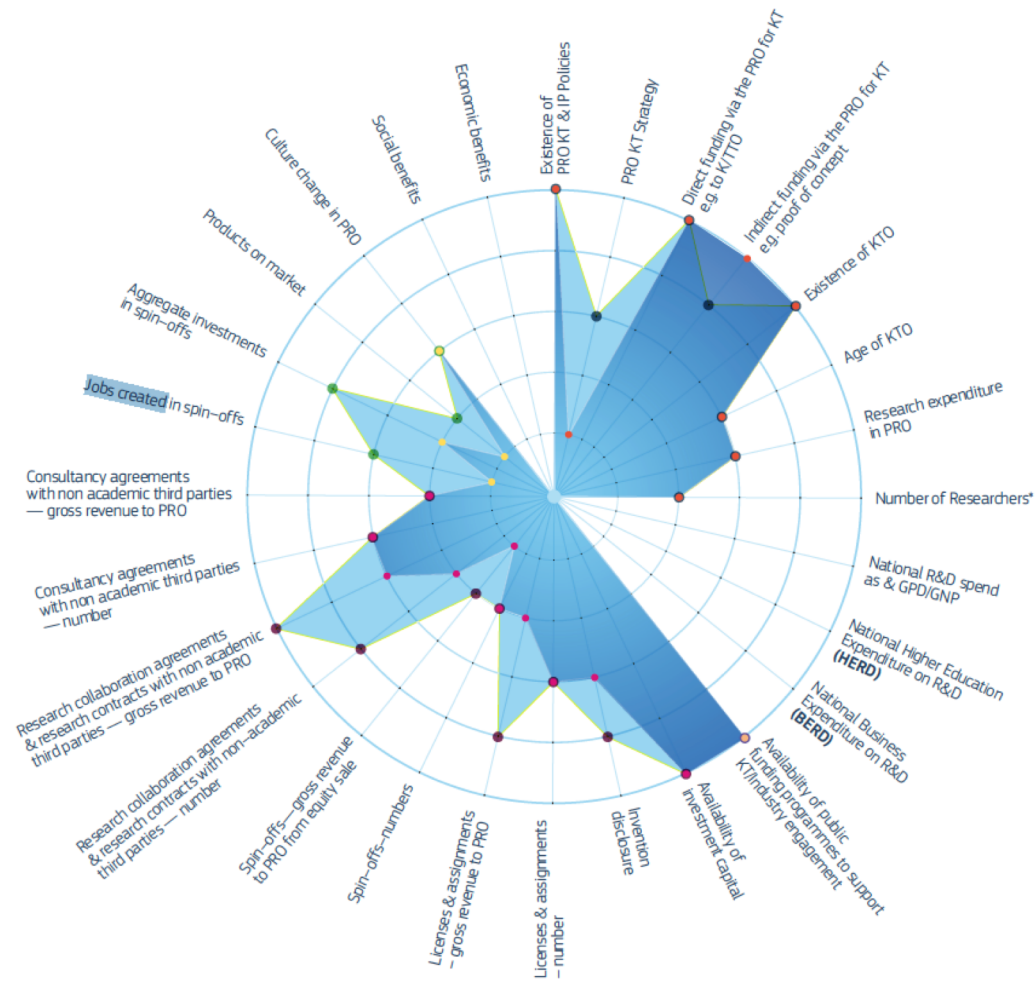
- 6. New Expert Group on implementation of indicators
Needs PRO senior leadership involvement
- 7. EC should explore a centralised approach for EU-wide KT data collection and reporting. Support, incentivise & manage through “KT credible” organization
- 8. EC should support creation and management of a central database
Reports & data – detail & anonymization
- 9. Governments & Ministries should encourage and incentivise their PROs/universities to engage, collect data and report on KT
- 10. EC should develop a common set of indicators across its KT and research funding programmes

Global findings and next steps

Common themes

- Output indicators cannot be assessed in isolation. Context matters
- Simple “benchmarking” of outputs is dangerous
- Indicators are a (welcome) tool and not an end in themselves
- Indicators must be meaningful to each country
- The search for a single indicator is neither helpful nor meaningful

Using indicators in practice



Next steps – JRC Expert Group follow-up study

- Dissemination
- Adoption
- Blueprint for data collection, analysis and reporting
- Develop Composite indicators /scoreboard
- Timeline June - Dec 2020