

Presentation of the EC Report

Knowledge Transfer Metrics - Towards a European-wide set of harmonized indicators



Redtransfer, 1 October 2020

RedOTRI, 23 November 2020

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JRC 2019 expert group on KT metrics



JRC Expert Group was set-up in partnership with ASTP to:

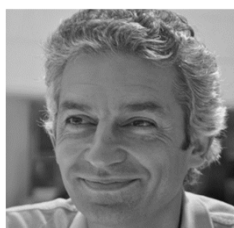
- Identify a core set of harmonised metrics
- Specify conditions and actions towards a European-wide collection of such indicators



Christophe
Haunold



Petra
Karanikic



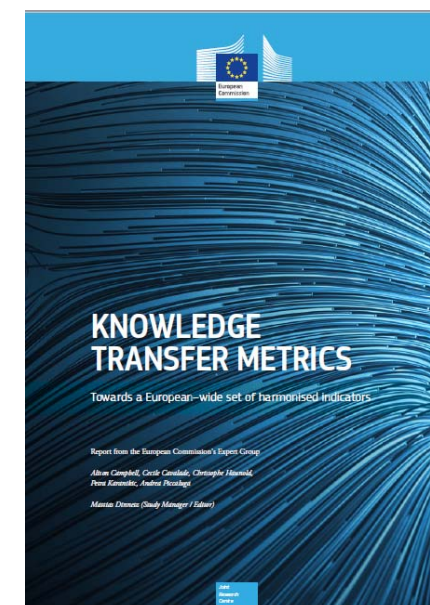
Andrea
Piccaluga



Cecile
Cavallade
(ASTP liaison)



Alison
Campbell
(Chair)

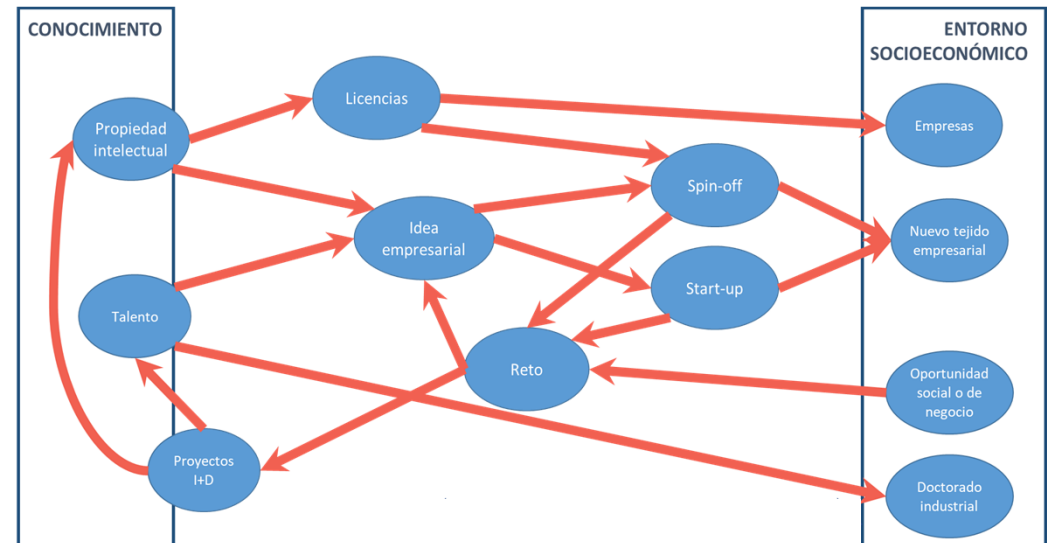


KT at the heart of innovation

DISRUPTIONS MAKES IT COMPLEX



NO ONE WAY, NO BEST WAY



European KT metrics initiatives

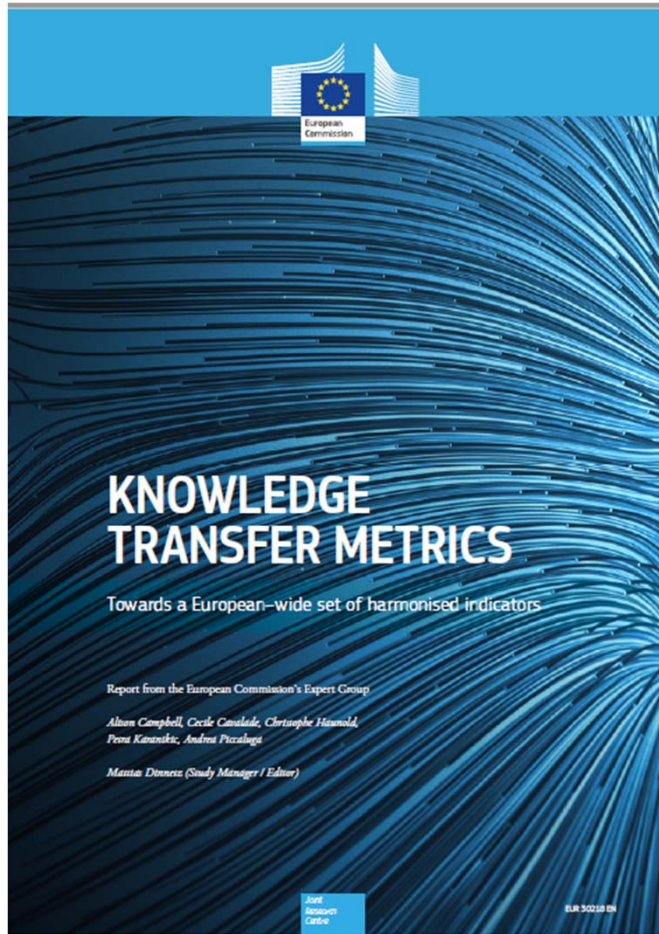
Country	Via government agency (or similar)	Via KT association
Belgium		✓
Denmark		✓
France		✓
Ireland	✓	
Italy		✓
Spain	✓	✓
Switzerland		✓
UK	✓	



What challenges KT metrics?

- Inconsistency of definitions
- Inconsistency of data collected
- Incompleteness
- Quality of data
- Heterogeneity of institutions
- Lack of access to part of the information
- Lack of access to impact indicators



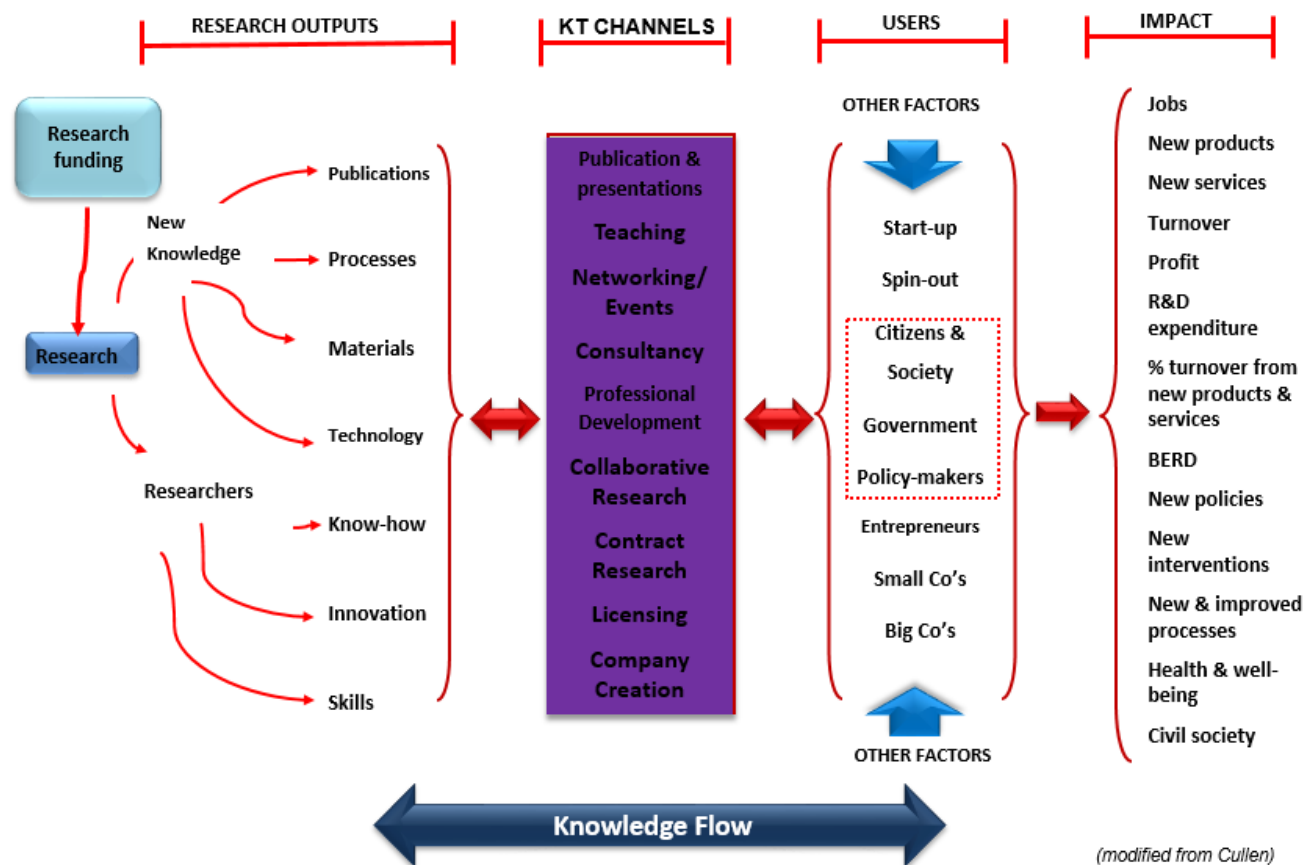


10 recommendations

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

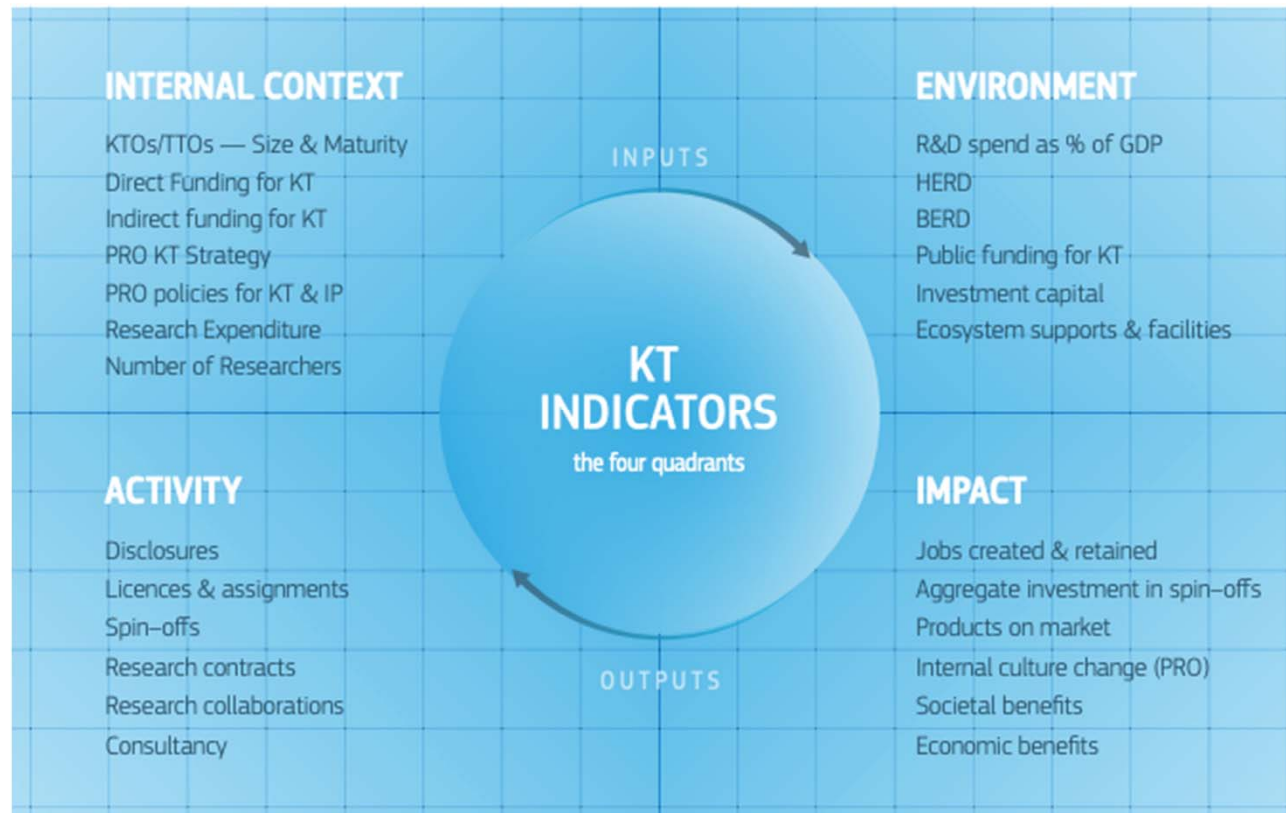
Recommendation 1

Indicators should span the range of KT channels



Recommendation 2

Core and complementary indicators to reflect both inputs and outputs



Recommendation 3

Numbers are not enough: Evidence based case studies



Recommendation 4

Use for longitudinal tracking: Not a league of good or bad performance



Recommendation 5

Adopt the common set of definitions

Research agreements	Collaborative research agreements	Contract research agreements	Invention disclosures
License & assignments executed	License & assignments gross revenue to PRO	Spin-off established	SME
Research expenditures in PRO	Number of researchers		

Recommendation 6

Effort in implementing. Involve PRO senior leadership



Recommendation 7-8

EC should explore a EU-wide centralised collection
EC should support and integrated database



Recommendation 9

Governments & Ministries should encourage and incentivize their PROs/universities to engage, collect data and report on KT



Recommendation 10

EC should develop a common set of indicators across its KT and research funding programmes



Conclusions

- Output indicators cannot be assessed in isolation. Context matters
- Simple “benchmarking” of outputs is dangerous
- Indicators must be meaningful to each country
- The search for a single indicator is neither helpful nor meaningful

**Thank you
for your attention**

