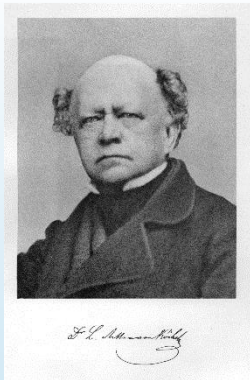


ORCID @ the Austrian Science Fund FWF

Klaus Zinöcker, FWF

www.fteval.at - August 24 2015

... or „from Köchel to ORCID“



Wolfgang Amadeus Mozart
! Symphonie C-Dur, KV 425, „Linzer“

ORCID

Connecting Research
and Researchers

ORCID ID

 orcid.org/0000-0002-6106-6148

Klaus Zinöcker, FWF

www.fteval.at - August 24 2015

Funding Agencies: Challenges, Developments...

Science & Responsible Society

- A constant plea for more money.
- Expectations are on the rise: society, policy, economy

Science in an Open Society

Science & Audit Society

- Legitimation Pressure

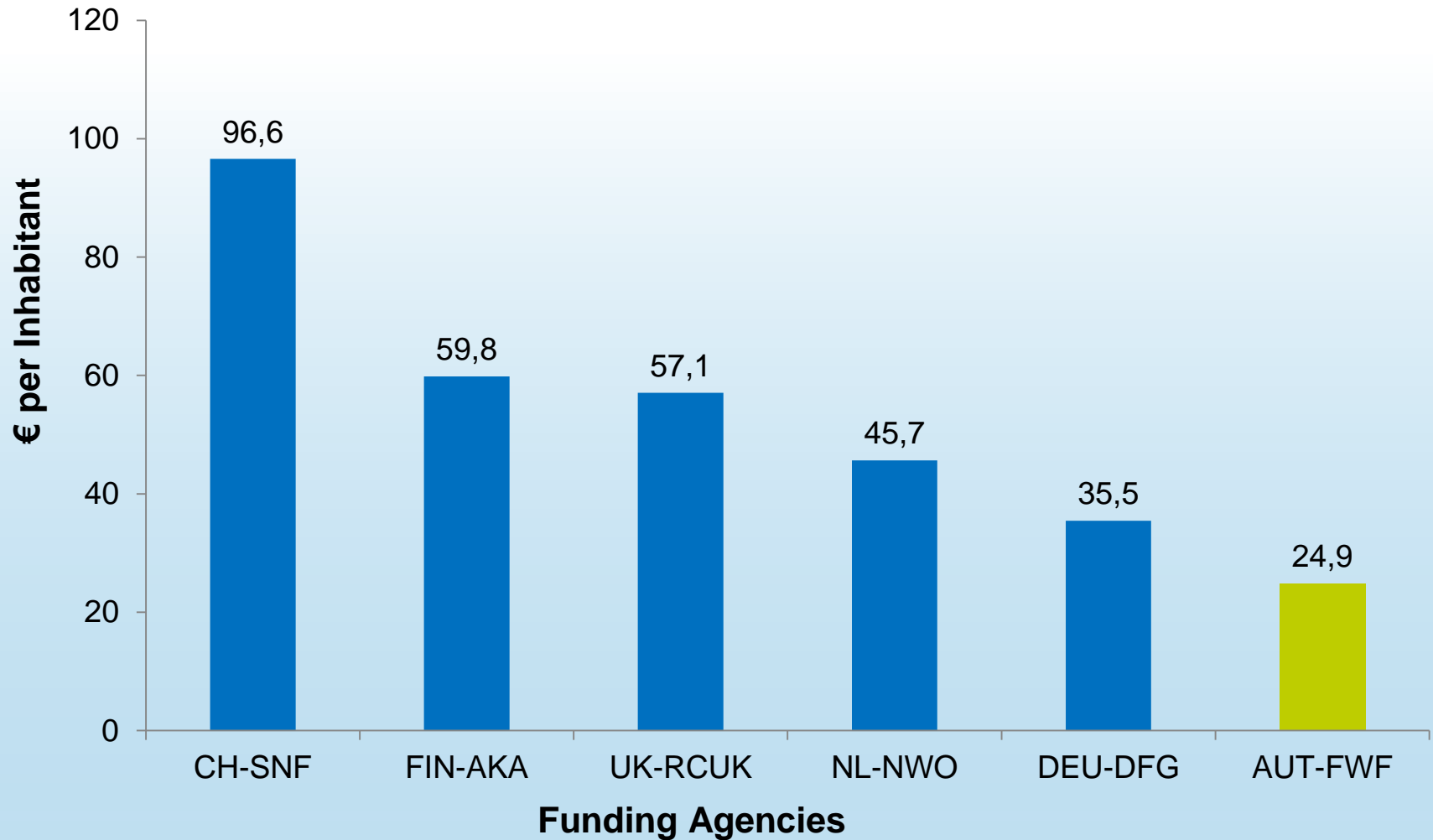
Audit Society, the Austrian way

- Policy, Court of Auditors, Austrian Council....

How to achieve „Smart Responsibility“?

- „Get all Data you need – and need all Data you get“

Budgets / Funding Agencies (in € per inhabitant)



Two fundamentally different approaches

Funding Agencies, no troubles

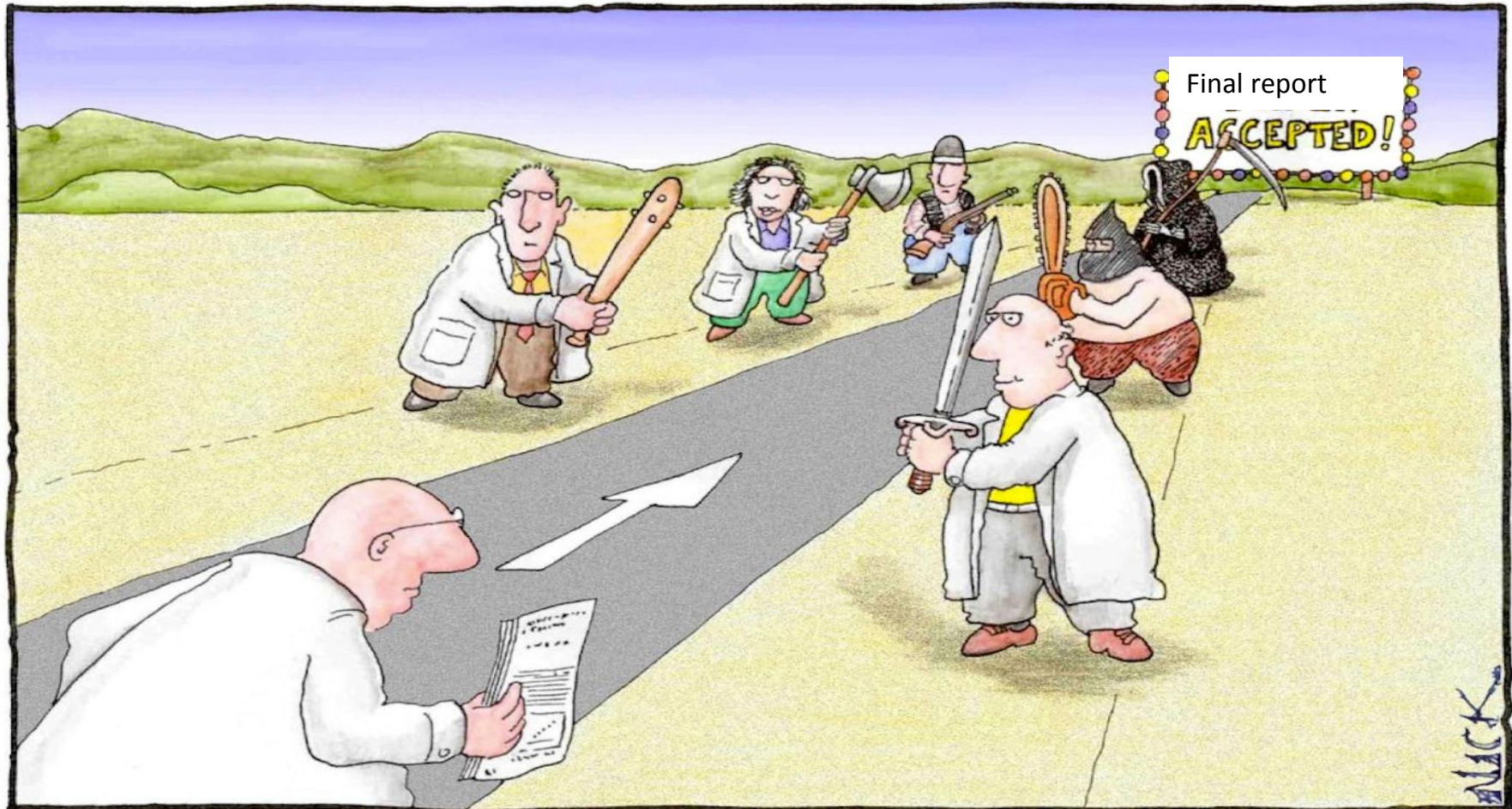
Dr. Otto Warburg

Antrag

Ich benötige 10 000 (zehntausend) Mark

Otto Warburg

Funding Agencies, troublemakers



Most scientists regarded the new streamlined grant management process as "quite an improvement."

Science: (New) Expectations

Good Governance
 Public Engagement
 Gender Equality
 Open Science
 Science Education
 Research Ethics
 Sustainability

Social Justice/inclusion
 Economic Impact
 Societal Impact

Inter-/multidiscplinarität
 Transdisciplinarity
 High Risk / Breakthrough

Anticipation
 Reflexivity

Inclusion
 Responsiveness

Process Indicators
 Outcome Indicators
 Perception Indicators

Ex-ante Evaluation
 Mid-term Evaluation
 Ex-post Evaluation

Legitimation: FWF's approach

I. Monitoring Processes

⇒ Are there biases?

[Factors Influencing Approval Probability in FWF Decision-Making Procedures](#), C. Fischer, F. Reckling, **FWF Policy Paper**, 2010

[Heterogeneity of Inter-Rater Reliabilities of Grant Peer Reviews and Its Determinants: A General Estimating Equations Approach](#), R. Mutz, L. Bornmann, H.-D. Daniel, in: **PLoS ONE** (2012), 7(10)

[Does Gender Matter in Grant Peer Review? An Empirical Investigation Using the Example of the Austrian Science Fund](#), R. Mutz, L. Bornmann, H.-D. Daniel, in: **Zeitschrift für Psychologie** 2012; Vol. 220(2):121-129

[Cross-disciplinary research: What configurations of fields of science are found in grant proposals today?](#), R. Mutz, L. Bornmann, H.-D. Daniel, in: **Research Evaluation** (2014) pp. 1–7

II. Evaluation of Programmes

- ⇒ Do we do the right thing? Do we do it right? Do we do it efficiently?
- ⇒ What about impacts?

Standards

- Austrian Platform fteval: **Evaluation Standards in Research and Technology Policy**
- Evaluations, Studies and Research Policy-related Services: **FWF Rules on Quality and Transparency**

9 Programmes evaluated since 2004

- Evaluation of the START Programme and the Wittgenstein Award will be published in autumn

III. Impact Monitoring

Ex-Post Peer Review

- Since 2003, all projects are evaluated after completion

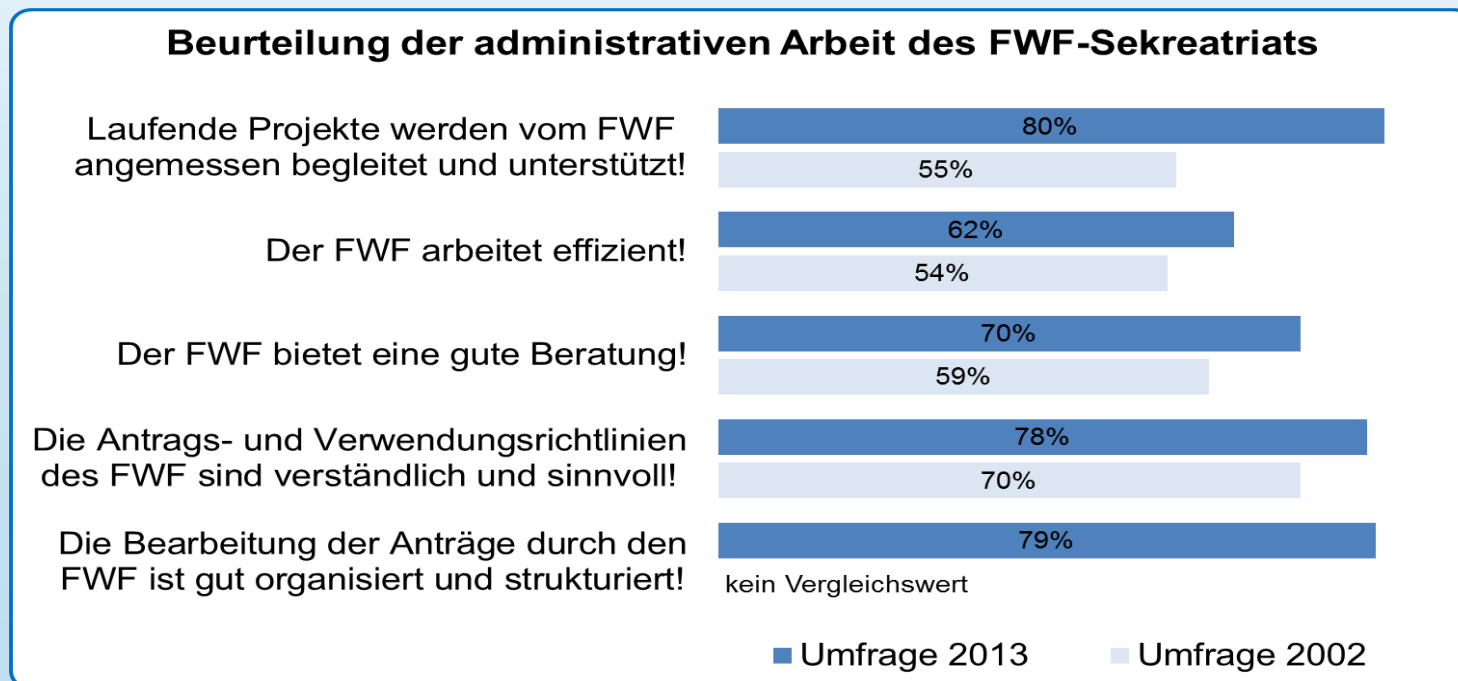
[Types of research output profiles. A multilevel latent class analysis of the Austrian Science Fund's final project report data](#), R. Mutz, L. Bornmann, H.-D. Daniel (2012) in: **Research Evaluation** (2012)

[Endberichtsanalyse FWF-Einzelprojekte](#), C. Fischer, M. Kenzian, R. Novak, F. Reckling, **FWF Policy Paper**, 2013

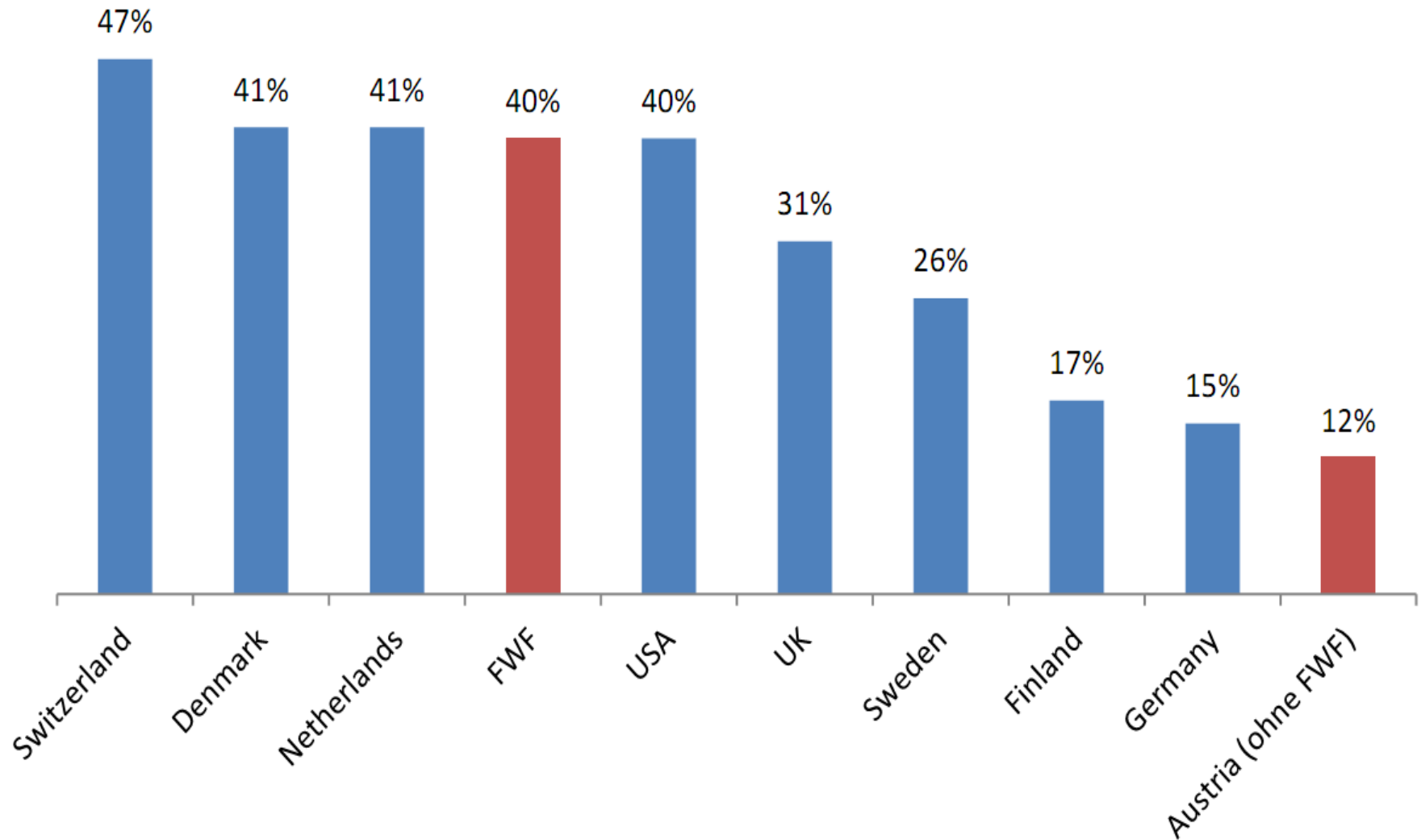
[Bibliometric Study of FWF Austrian Science Fund 2001-2010/11](#), E. v. Wijk, R. Costas-Comesaña (2013)

IV. Scientists' View on FWF

- Survey of academic staff at universities and non-university research institutes in Austria.
- application behaviour, application success, the level of awareness of funding institutions, the academics' and researchers' opinions of the FWF's aims and principles and its selection procedures



Citations above the world's average 2001-10*



The way ahead: How to improve our evaluation and monitoring systems?

- (Together with fteval) A science policy repository (evaluations, studies, data)
- Implementation of a FWF Research Information System
- Interoperability is a big issue
- Enhancing the quality of data
- Enhancing the use of FWF funding data (standardized queries)

Challenge I - Identification Problems: The two Faces of Mr. „Klaus Zinöcker“



ation of Austrian Research and Technology Policies
Summary of Austrian Evaluation Studies from 2003 to 2007



Challenge III –

When we are talking about ORCID, we are not talking about...

Research Information Systems

- Eurocris
- PURE, Converis, Research Fish, Star Metrics,....
- National & European Approaches to CRIS
 - Austrian Council Approach, European Parliament...

Research Intelligence Solutions

- SciVal, InCities....

Underpinning Infrastructure

- When it comes to evidenced based policy making,
- if metrics are used
- If money is invested in mighty tools

- It is critical that the underlying data is
 - as accurate & reliable as possible, otherwise results will be mistrusted.
 - how underlying data is collected / processed is very important

- We therefore need
 - Unique, disambiguated, persistent, verified identifiers
 - agreed standard data formats
 - agreed standard data semantics

ORCID / DOI / ISNI / crossref / fundref / CASRAI

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