A general BIRO approach for Bridge Health

Deliverable M8.5 "Blueprint of open source software platform for population-based chronic diseases registries, based on the BIRO experience"

Fabrizio Carinci
Visiting Professor, University of Surrey, UK
Adjunct Professor of Biostatistics, University of Bologna, Italy
f.carinci@surrey.ac.uk

BRIDGEHEALTH

BRidging Information and IData Generation
for Evidence-based Health Policy and Research

WP8

Platform for population-based registries

Task 2 – Deliverable 8.2

Blueprint of open source software platform for population-based chronic disease registries

UNIVERSITA' DEGLI STUDI DI ROMA
TorVergata UNIVERSITY OF SURREY HRS EuBIRoD NETWORK
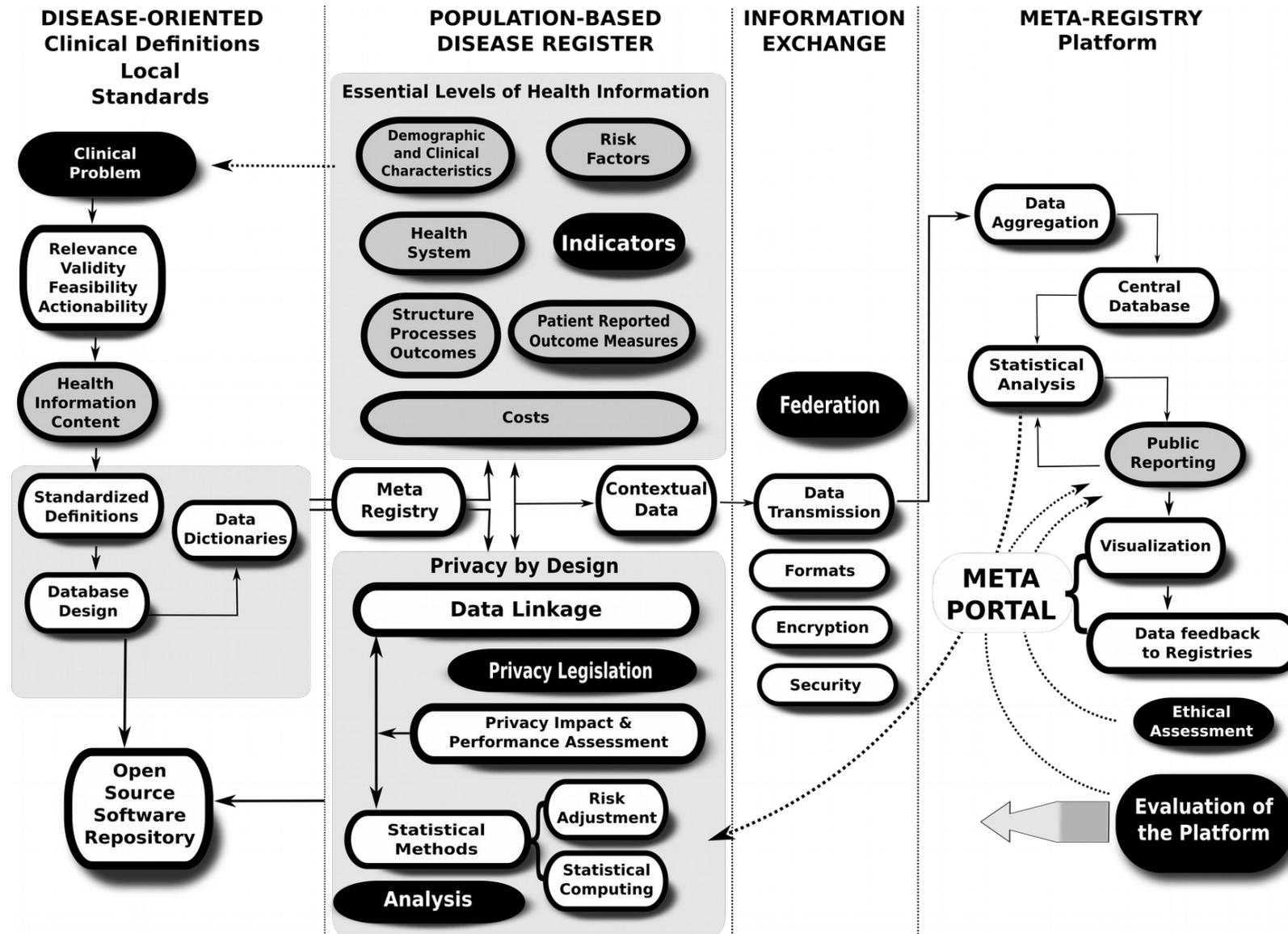
Why population-based disease registries?
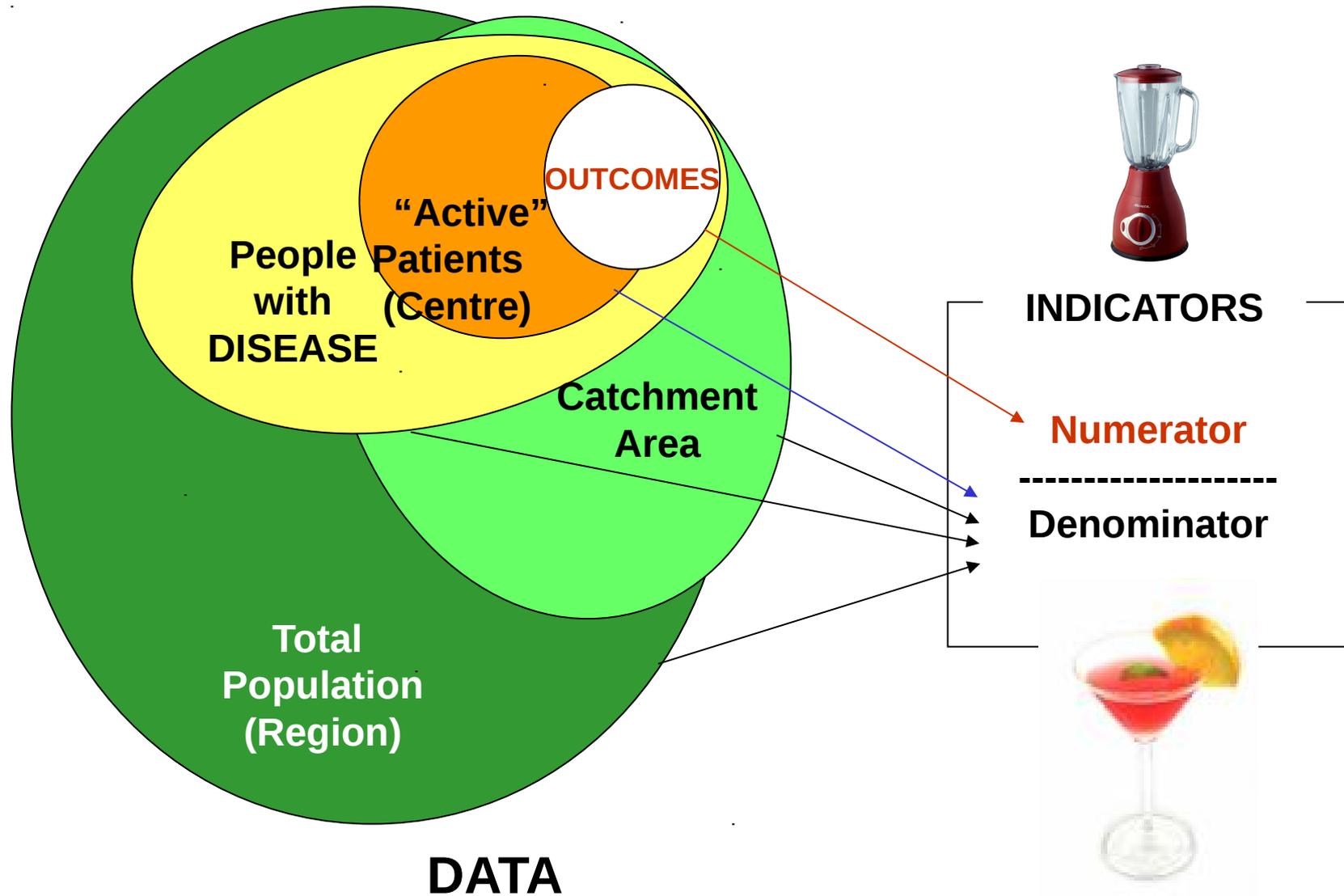
Structure of population-based disease register
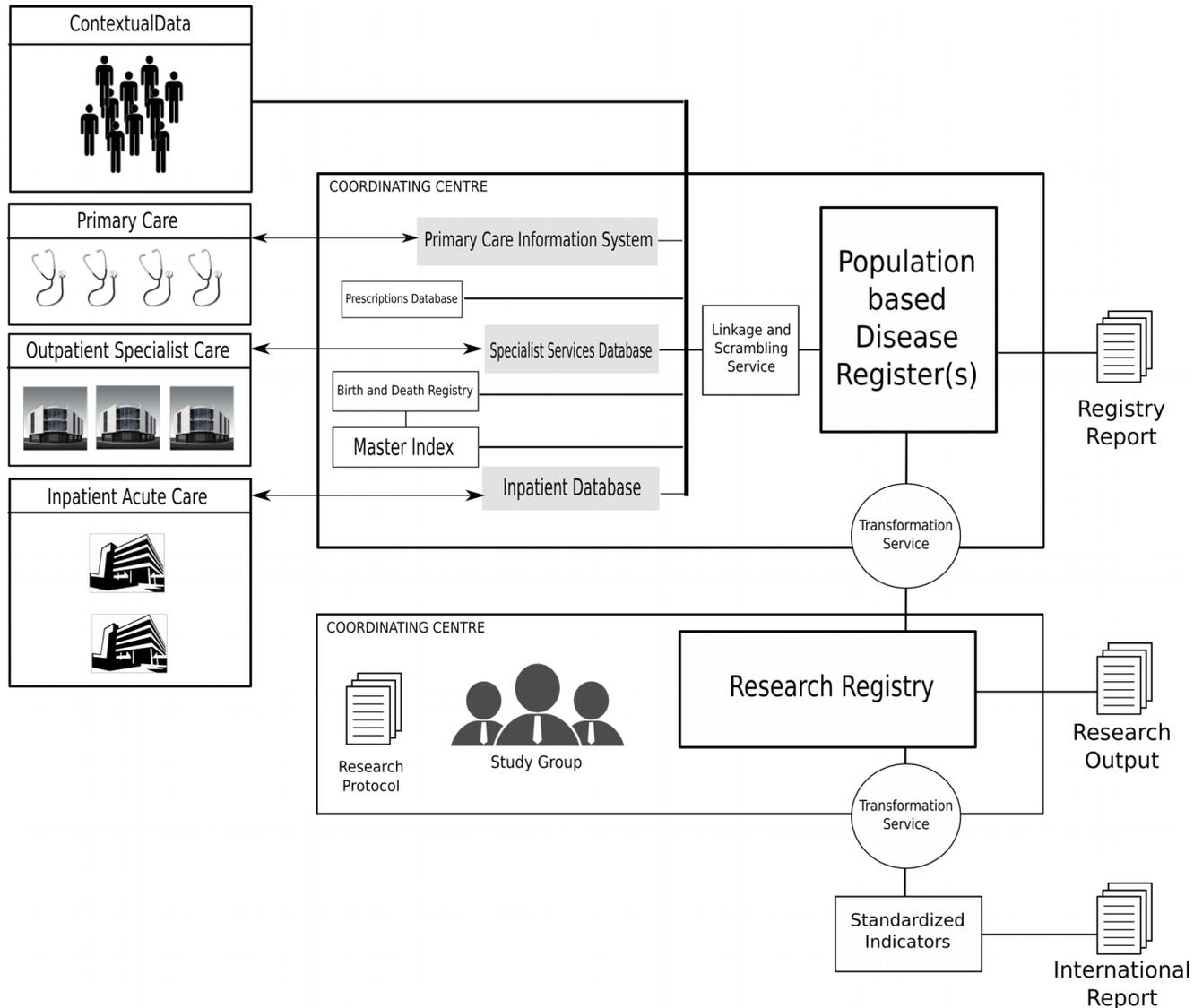
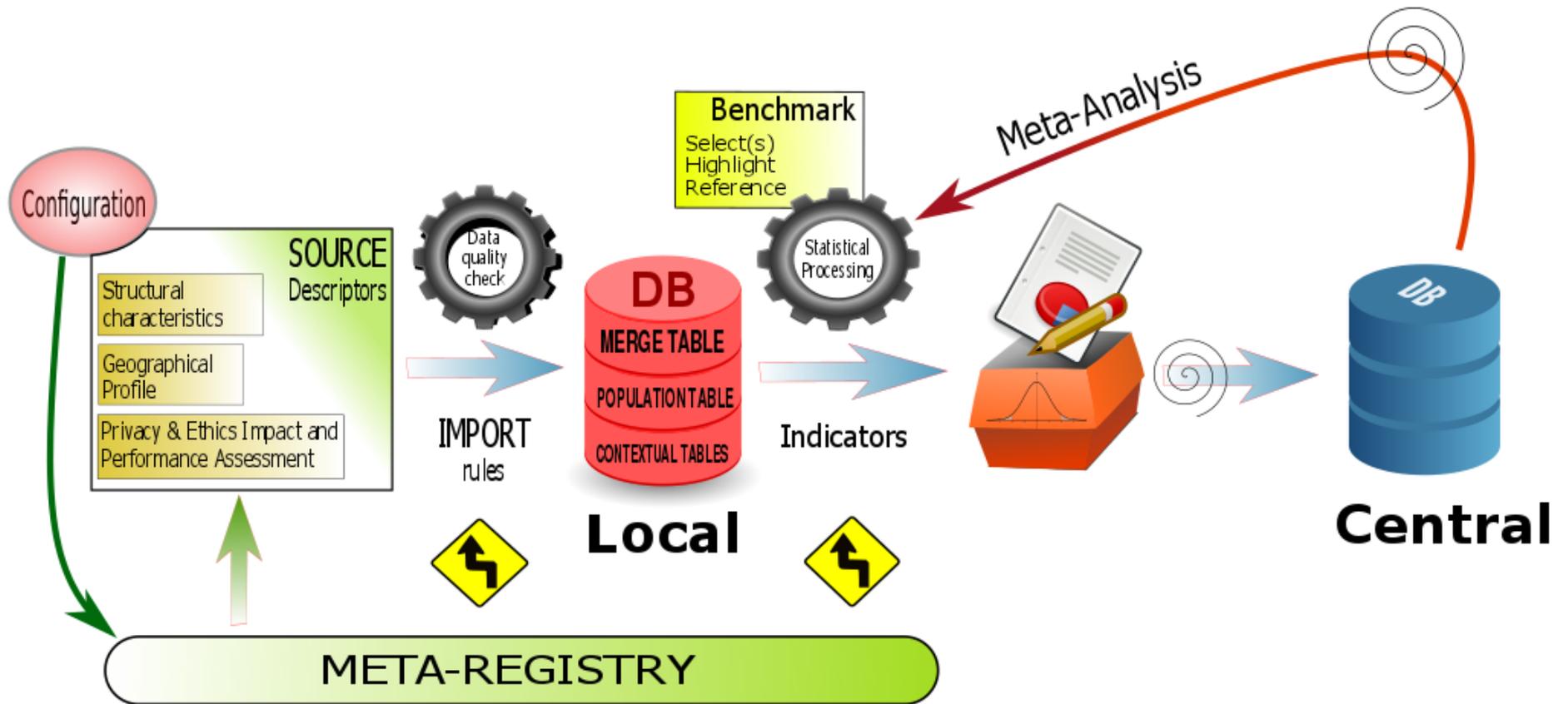# Essential levels of health information for chronic diseases

The BIRO approach

1. Review your problem: construct an evidence-based framework
2. Describe the data structure of your network
3. Agree on reporting targets: specify report templates
4. Conduct a Privacy Impact Assessment
5. Identify the best information system architecture
6. Specify your data dictionary
7. Design and implement all software
8. Analyse data and disseminate results
9. Transfer technology
10. Evaluate, improve and update

Design of a general platform

NeuBIRO

https://github.com/eubirodnetwork/neubiro