



1st EUBIROD Network  
General Assembly  
University of Surrey,  
Guildford, Surrey, UK  
24<sup>th</sup>-25<sup>th</sup> August 2015



# Current potential of the EUBIROD Network

**Fabrizio Carinci**

Professor of Health Systems and Policy  
School of Health Sciences, University of Surrey

[f.carinci@surrey.ac.uk](mailto:f.carinci@surrey.ac.uk)



# The policy puzzle



# Bottom-up solutions



# Dealing with uncertainty







# Privacy Assessment

The European Journal of Public Health Advance Access published May 4, 2012

European Journal of Public Health, 000–000

© The Author 2012. Published by Oxford University Press on behalf of the European Public Health Association. All rights reserved.

doi:10.1093/ejpub/cks043

## Cross-border flow of health information: is 'privacy by design' enough? Privacy performance assessment in EUBIROD

Concetta Tania Di Iorio<sup>1</sup>, Fabrizio Carinci<sup>1</sup>, Massimo Brillante<sup>2</sup>, Joseph Azzopardi<sup>3</sup>, Peter Beck<sup>4</sup>, Natasa Bratina<sup>5</sup>, Scott G. Cunningham<sup>2</sup>, Carine De Beaufort<sup>6</sup>, Noemi Debacker<sup>7</sup>, Przemyslaw Jarosz-Chobot<sup>8</sup>, Michael Jecht<sup>9</sup>, Ulf Lindblad<sup>10</sup>, Tony Moulton<sup>11</sup>, Željko Metelko<sup>12</sup>, Attila Nagy<sup>13</sup>, George Olympios<sup>14</sup>, Simion Pruna<sup>15</sup>, Michael Roder<sup>16</sup>, Svein Skeie<sup>17</sup>, Fred Storms<sup>18</sup>, Massimo Massi Benedetti<sup>19</sup>

<sup>1</sup> Sereatrix snc, Pescara, Italy

<sup>2</sup> University of Dundee, Division of Medicine and Therapeutics, Ninewells Hospital, Nethergate, Dundee, UK

<sup>3</sup> University of Malta, Department of Medicine, Medical School, Mater Dei Hospital, Tal-Qroqq, Malta

<sup>4</sup> Joanneum Research, Graz, Austria

<sup>5</sup> University Children's Hospital, Department of Paediatrics, Endocrinology, Diabetes and Metab., Ljubljana, Slovenia

<sup>6</sup> Centre Hospitalier de Luxembourg, Luxembourg

<sup>7</sup> Inst. Scient. Santé Pub. WIV, Brussels, Belgium

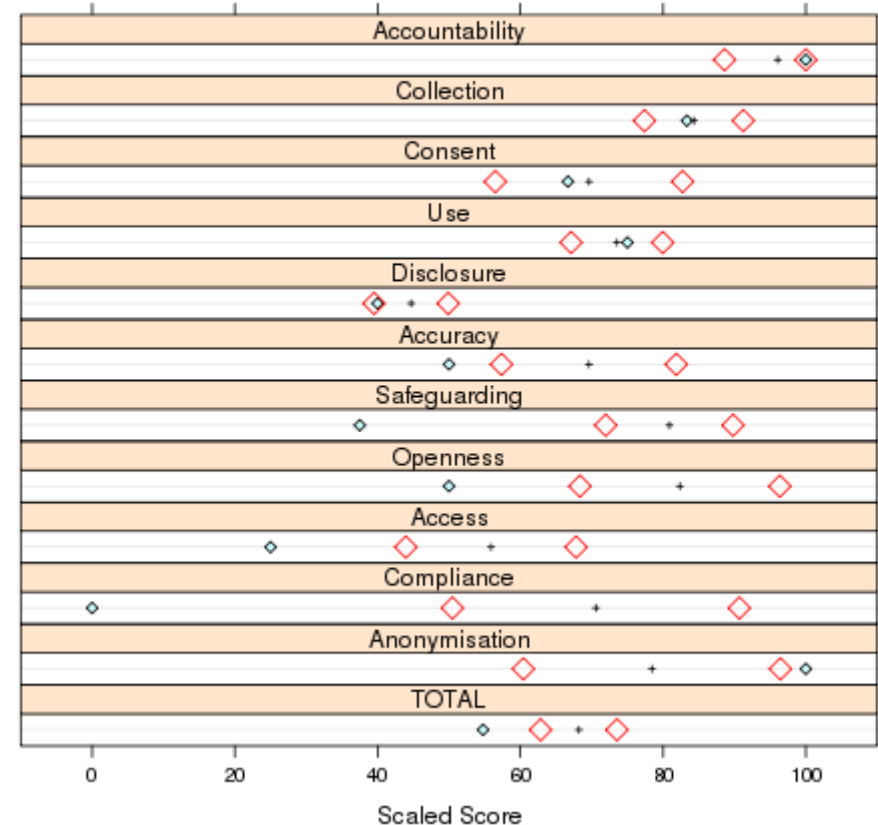
<sup>8</sup> Medical University of Silesia, Upper Silesia Centre for Child Health, Katowice, Poland

<sup>9</sup> Havelhöhe, Berlin, Germany

<sup>10</sup> Department of Primary Health Care, University of Gothenburg, Gothenburg, Sweden

### Register: Q - Privacy Self Evaluation Chart

value ♦ lcl ◇ average + ucl ◇



# EUBIROD

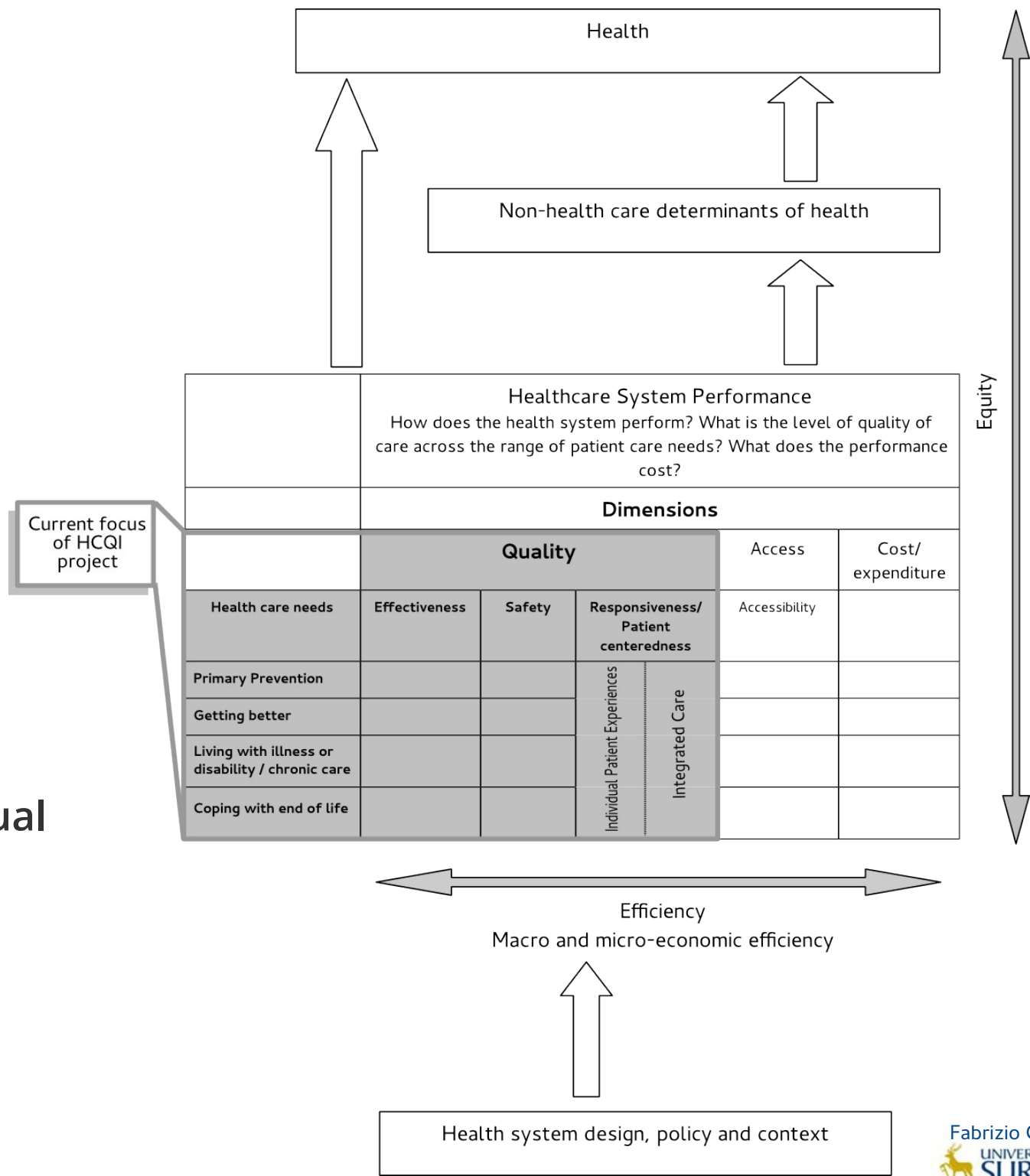
## Data Dictionary

1 DEMOGRAPHIC CHARACTERISTICS	1.1 Basic demographics	
2 CLINICAL CHARACTERISTICS	2.1 Diabetes status	
	2.2 Risk factors for diabetes complicat ons	2.2.1 Obesity and Growth (most recent value in the last 12 months)
		2.2.2 Lifestyle
		2.2.3 Clinical measurements (most recent value in the last 12 months)
	2.3 Diabetes complicat ons	
3 HEALTH SYSTEM	3.1 Structure (provider level)	
	3.2 Structural quality	
	3.3 Processes	3.3.1 Foot examinat on
		3.3.2 Eye examinat on
		3.3.3 Measurement done (in the last 12 months)
		3.3.4 Treatment (at least one prescript on in the last 12 months)
		3.3.5 Management
4 POPULATION	4.1 Area level	
5 RISK ADJUSTED INDICATORS	5.1 Epidemiology	
	5.2 Process quality (in adults with diabetes in the last 12 months)	
	5.3 Outcome Quality: Intermediate outcomes (in adults with diabetes in the last 12 months)	
	5.4 Outcome Quality: Terminal outcomes (in the last 12 months)	

# Conceptual Framework of Health systems Performance

OECD Revision 2015

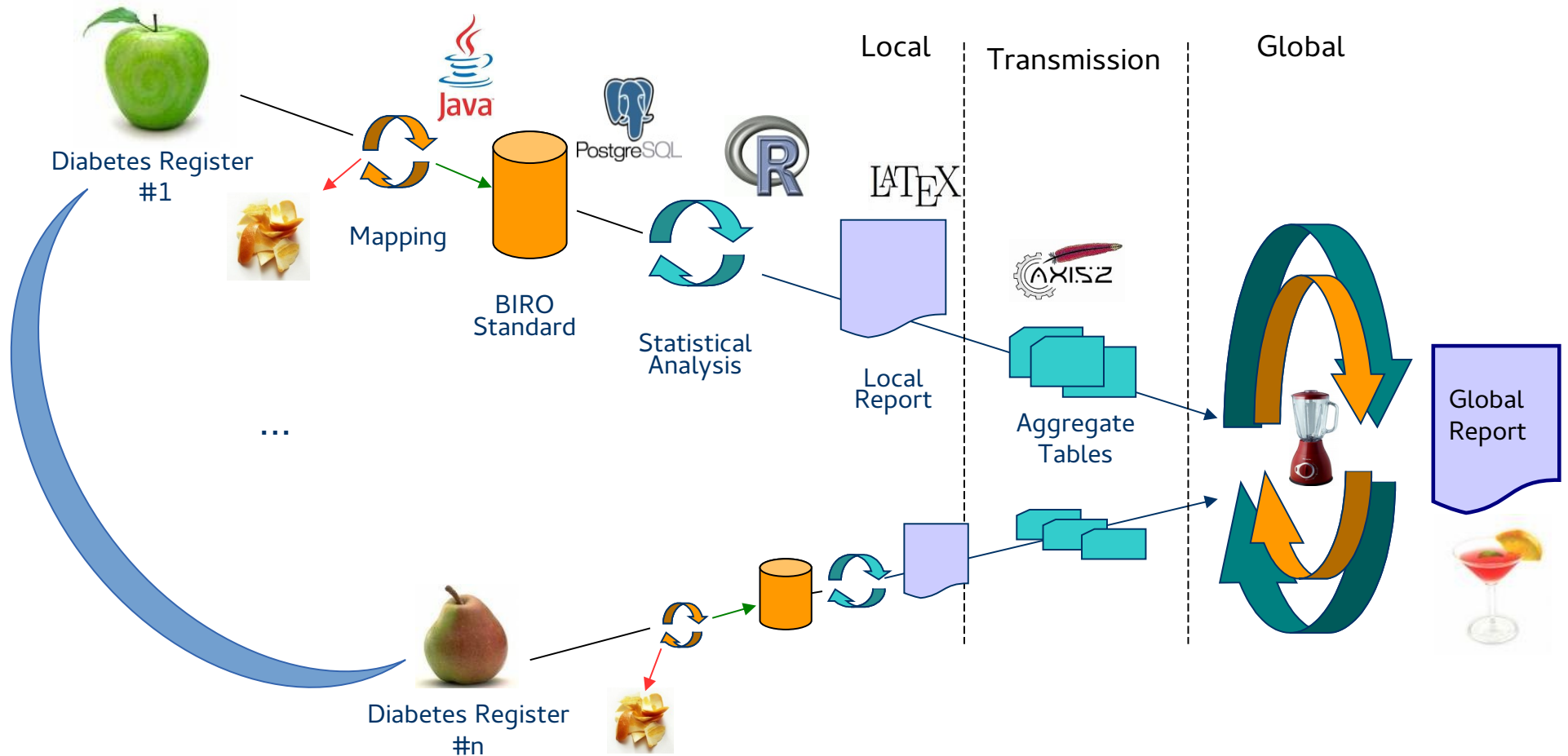
Carinci F et al, Int J Qual Health Care. 2015 Apr;27(2):137-46

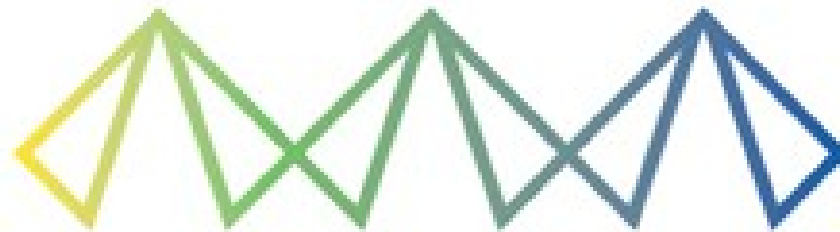




# The BIRO system

<http://www.eubirod.eu>



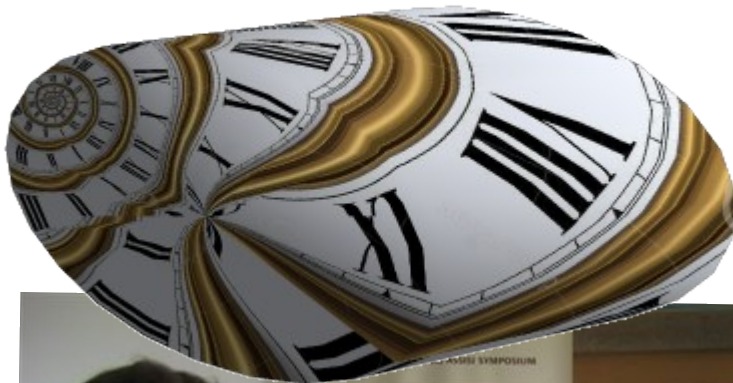


# BRIDGEHEALTH

BRIdging Information and Data Generation  
for Evidence-based Health Policy and Research



# Health Consumer Powerhouse



Best Information  
through Regional Outcomes  
Pre-kick off Meeting  
Sala della Musica - La Cittadella

Assisi, 1st May 2011





# EuBIROD NETWORK