



BioData.pt

Impact Assessment: The Ready for BioData Management case

Daniel Faria

01/10/2020 | INESC-ID

Co-financiado por:



UNIÃO EUROPEIA
Fundos Europeus Estruturais
e de Investimento

FCT Fundação
para a Ciência
e a Tecnologia

Background: Ready for BioData Management?

- **What?**
 - BioData.pt training programme on data management
- **Why?**
 - Increase awareness of data management among Portuguese researchers and empower them on this issue
- **How?**
 - Modular content that can be combined and rearranged (theoretical+hands-on; introductory+advanced)
 - Promote interaction with the audience and between the audience

Background: Ready for BioData Management?

- **History:**

Jul 2019 R4BDM workshop hosted by BioData.pt at the IGC (50 trainees)

Oct 2019 R4BDM training programme put into motion

Dec 2019-Mar 2020

First wave of in-person courses—6 events, 84 trainees

Fev 2020 R4BDM programme impact assessment exercise conducted

Mar-Sep 2020

R4BDM goes virtual & RDA-PT sponsorship—6 events, 152 trainees

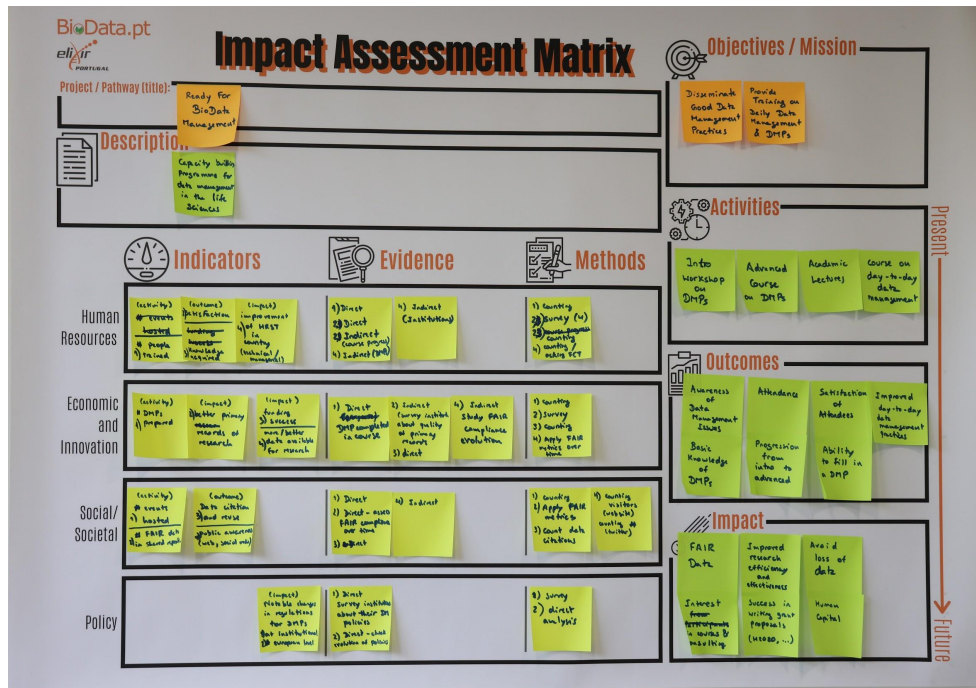
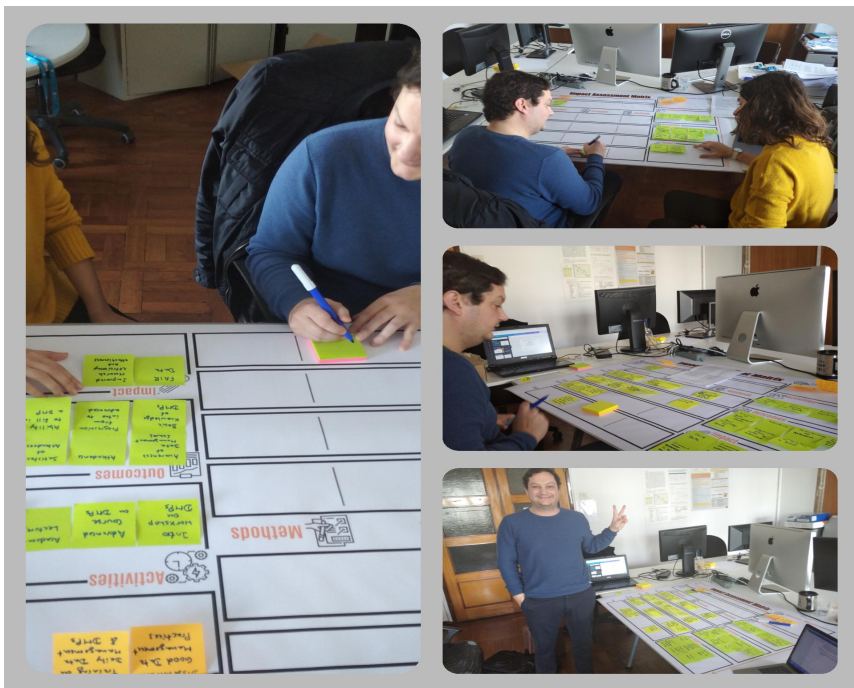
R4BDM Impact Assessment

- **Why?**

- An opportunity for self-reflection, ...
 - What do we aim to accomplish?
 - Who is our target audience?
- ... self-assessment, ...
 - Are we being successful?
 - How can we assess if we are?
- ... and planning
 - What should we do to improve success?
 - What should we do to demonstrate success?

R4BDM Impact Assessment

• How?



R4BDM Impact Assessment

- Results (abridged):

Outcome	Indicator	Evidence	Methods	Area
Attendance	Number of participants per course	Check-in sheets	Counting	HR
Satisfaction	Feedback	Filled feedback forms	Statistical analysis	HR
Knowledge Acquisition	Follow-up feedback, DMPs prepared by participants	Follow-up survey, DMPs associated with research grants	Statistical analysis, counting	HR

R4BDM Impact Assessment

- Results (abridged):

Impact	Indicator	Evidence	Methods	Area
Interest in BioData.pt courses & services	Revenue from courses and services	Paid invoices	Accounting	E&I
Publishing of FAIRer data	FAIRness of public data authored by participants	Data in public repositories	FAIRness assessment	E&I
Funding success	Funding success rate of participants	(Approved) grant applications	Counting	E&I
Public awareness	Website users and social media followers	Google analytics, social media followers	Counting	S/S

R4BDM Impact Assessment

- **What did we learn?**
 - Not all impacts are feasible to accurately assess
 - Would involve too much work
 - Could require access to private information
 - We need to collect follow-up feedback to gauge long-term outcomes and impact
 - Knowledge retained/applied by participants
 - Data FAIRness
 - Grant application success

R4BDM Impact Assessment

- **Where we are now?**

- 15 months, 13 events, 286 trainees spanning 39 institutions
- RDA-PT sponsorship & collaboration
- INCoDe.2030 certification
- FCCN recognition in data management landscape analysis

- **Plans for the Future:**

- Aim for sustainability
- Expand offer
- Follow-up