

OPTIMISATION AND PERFORMANCE OF AN INTERACTIVE DASHBOARD FOR IRISH GENERAL PRACTICE

CONTEXT

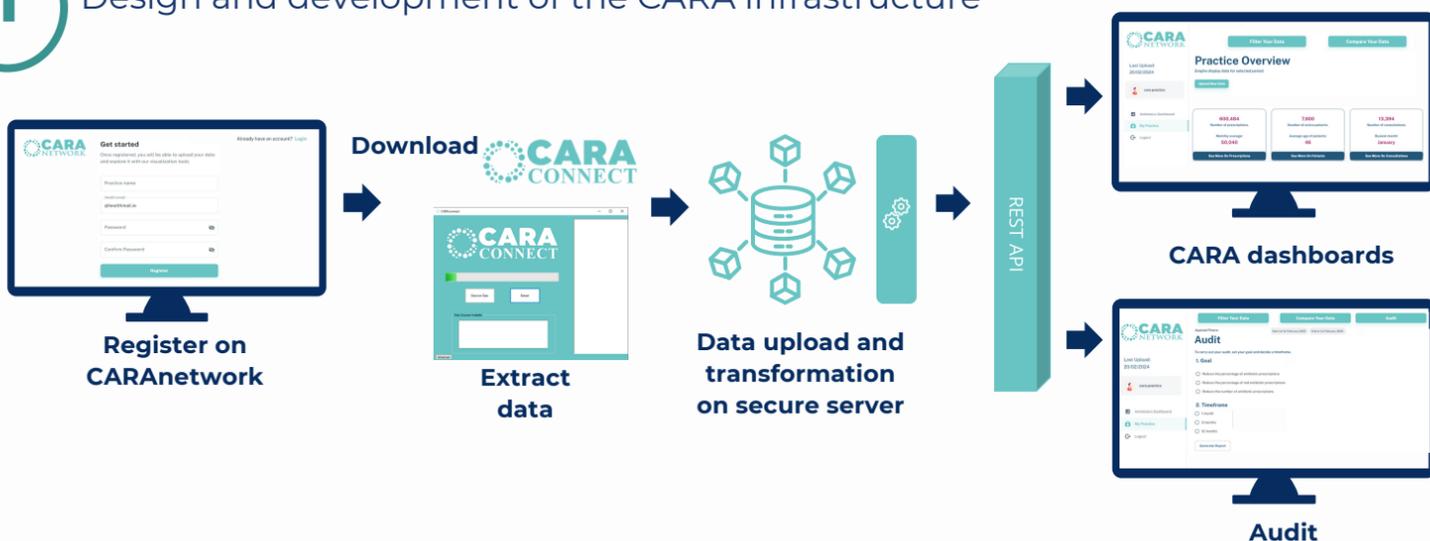


C - COLLABORATE
A - ANALYSE
R - RESEARCH
A - AUDIT

CARA offers a secure data infrastructure where GPs can visualise and compare their practice data and generate audit reports



1 Design and development of the CARA infrastructure



2 Design and development of the CARA dashboards

Action Design Research Framework

PROBLEM FORMULATION

Information needs (Interviews)
User experience design (Interviews)
Literature review

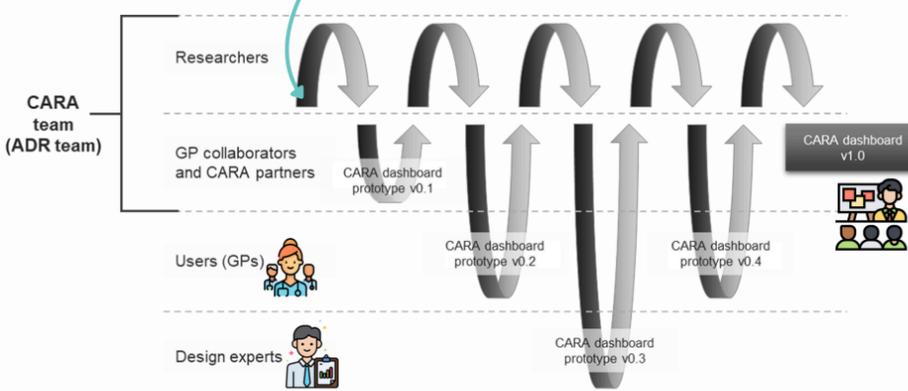
REFLECTION AND LEARNING

BUILDING, INTERVENTION & EVALUATION

Design and test the CARA dashboard prototype (Interviews and workshop)

Seven key areas (themes):

1. Context
2. Comprehension
3. Audit
4. Relevance
5. Action
6. Engagement
7. Ease of Use



3 Assess user engagement

Feasibility study



who attend an international conference



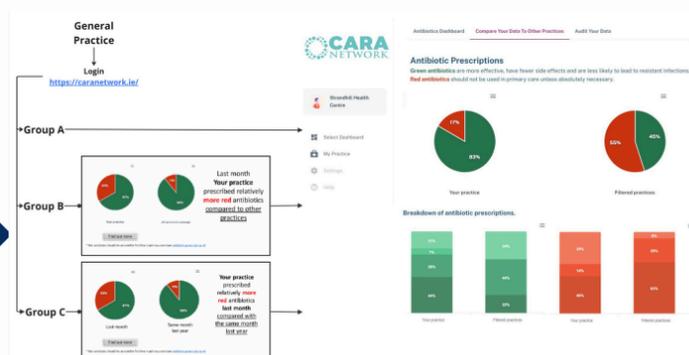
Dashboard usage data



- Acceptability
- Feasibility of data collection
- Data quality

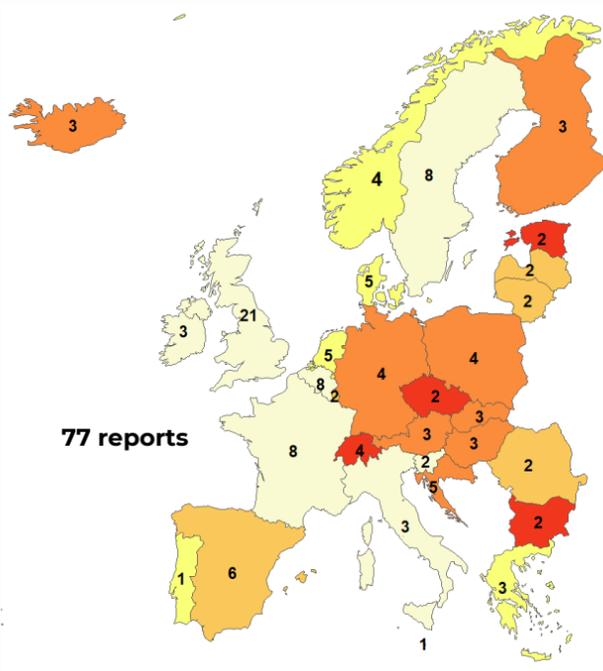
User questionnaire

Evaluation of different landing pages on behavioural engagement with the CARA dashboard. A user research

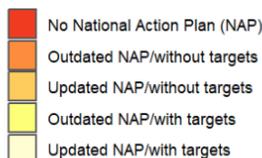


4 Identify and incorporate prescribing targets into the CARA dashboards

Scoping review of existing targets for antibiotic prescribing in general practice



- ➔ Most European countries have a NAP with national targets.
- ➔ The type of targets and their implementation at the national and local level vary between countries.
- ➔ Local strategies or initiatives to achieve targets: feedback to prescribers, systems with benchmarks and financial incentives.
- ➔ Translating national targets into daily clinical practice is challenging and often lacks the involvement and input of prescribers (GPs).



Acknowledgment: The CARA team, Professor Akke Vellinga (lead of the CARA project) and Professor Catherine Blake for their supervision, and Dr. Heike Vornhagen for her support.

Funding: This work was funded by grant number RL-20200-03 Research Leader Awards 2020, Health Research Board, Ireland.

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