

High quality BioBanking in Belgium: the road towards ISO 20387 accreditation (B3-ISO)

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BBMRI.be: the Belgian biobank network

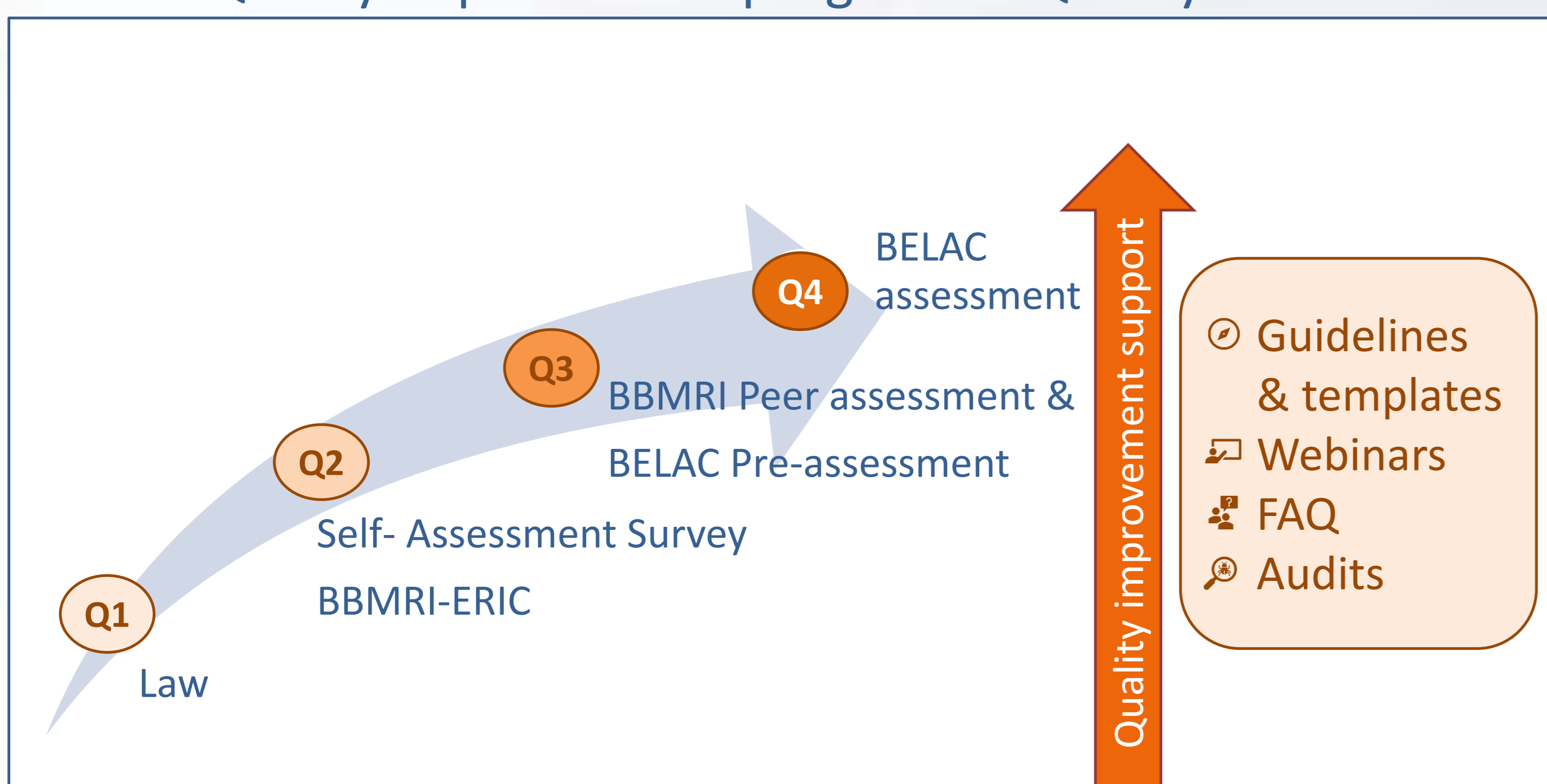
The European infrastructure for biobanking BBMRI-ERIC is reflected in the National Node BBMRI.be, established in 2013 at the Belgian Cancer Registry and connects **20 Belgian biobanks**. Many of these biobanks arose from existing sample collections, sometimes with limited quality management systems (QMS).

The **biobank standard (ISO 20387)**, which was recently published and will be included in the portfolio of the Belgian accreditation organization BELAC, will allow biobanks to formalize their competences and because of its international recognition will allow the Belgian biobanks to demonstrate their readiness to support **(inter)national translational research**.



B3-ISO project plan

I. Quality improvement program: 4 Quality levels



BBMRI.be develops a stepwise quality improvement program that can be implemented at the individual biobanks.

Self-assessment tools and a stepwise auditing program is developed.

At the same time, an accreditation program is being established together with BELAC, ultimately leading to ISO 20387 accreditation.

II. Harmonization and integration program

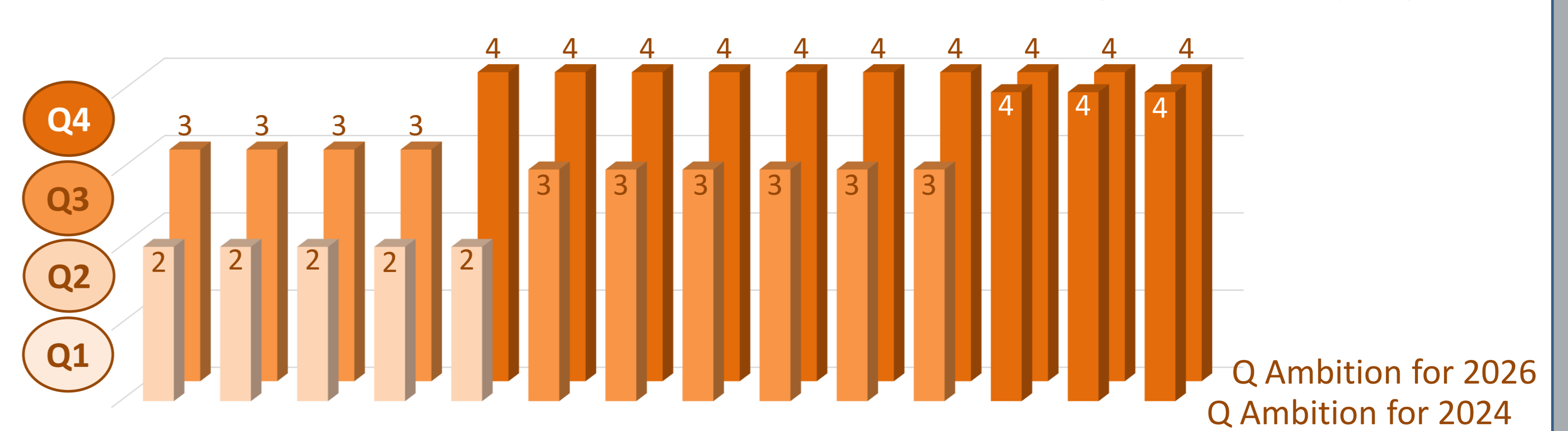


B3-ISO project milestones year 1

Kick-off survey results

- 15 biobanks are currently participating in B3-ISO
- The starting positions of the Belgian biobanks are diverse
- ISO 20387 implementation support is needed in diverse domains
- The ambitions of the participating biobanks are in line with the goals of the project and will support substantial quality improvement

Quality level ambitions of biobanks participating in B3-ISO project



Quality support deliverables

In cooperation with the participating biobanks, BBMRI.be coordinates:



All available on the intranet of BBMRI.be or via B3-ISO@kankerregister.org

The setup of this program and the implementation of the ISO 20387 standard will substantially contribute to **(inter)national translational research** and foster **collaborations between industry and academia** in the biomedical sector.