



Belgian Cancer Registry




academic session

3/12/2018

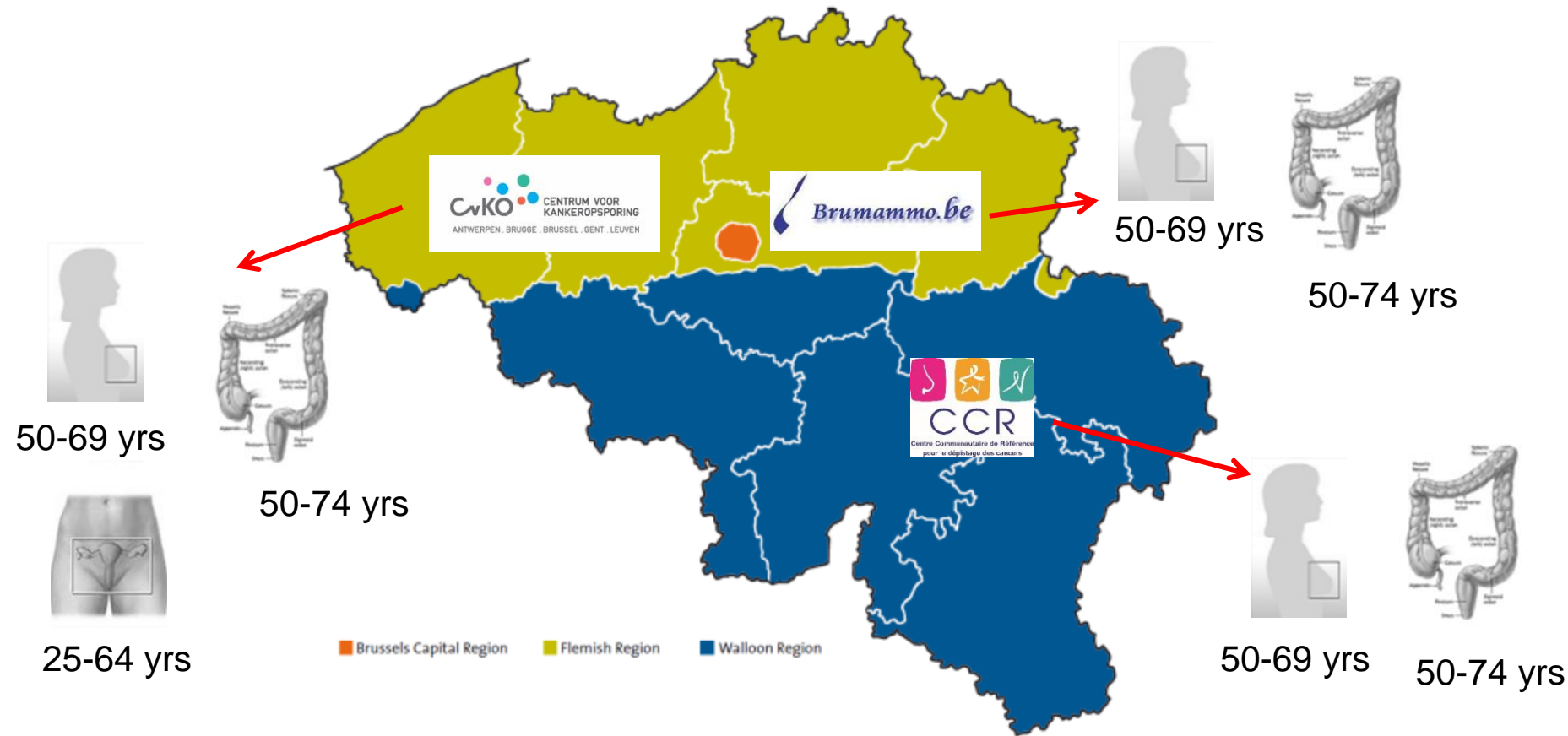
13 Years Belgian Cancer Registry

Contribution of the Belgian Cancer Registry to Cancer Screening Programs: Plan-Do-Check-Act

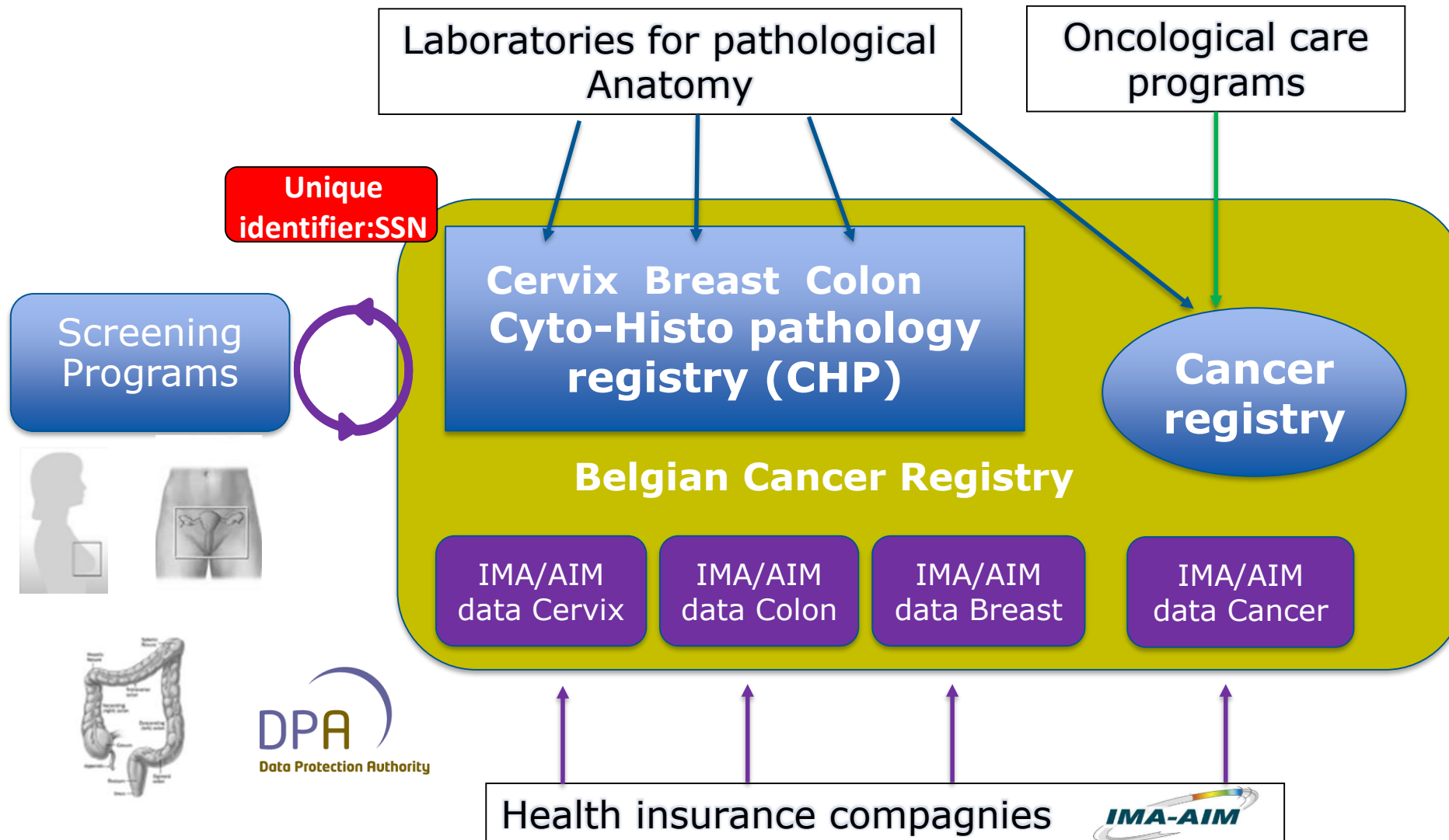
Julie Francart
Isabel De Brabander



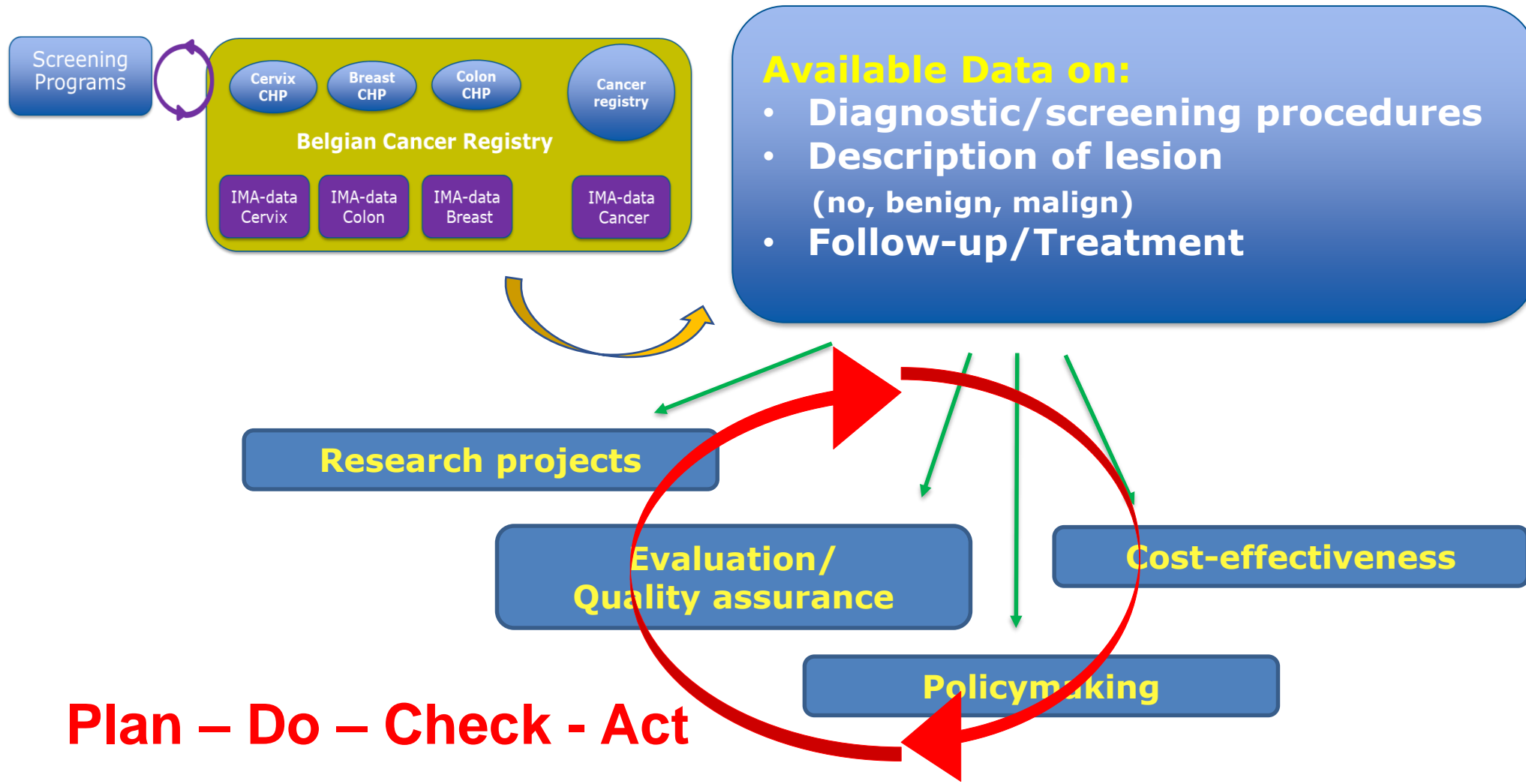
Cancer screening programs in Belgium



Databases and linkages



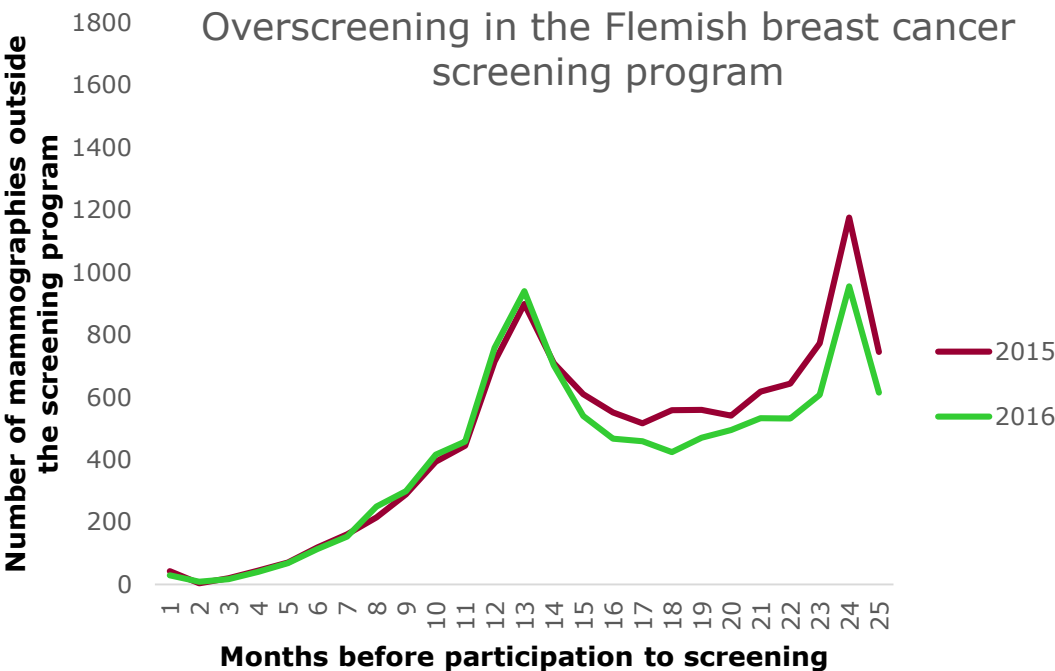
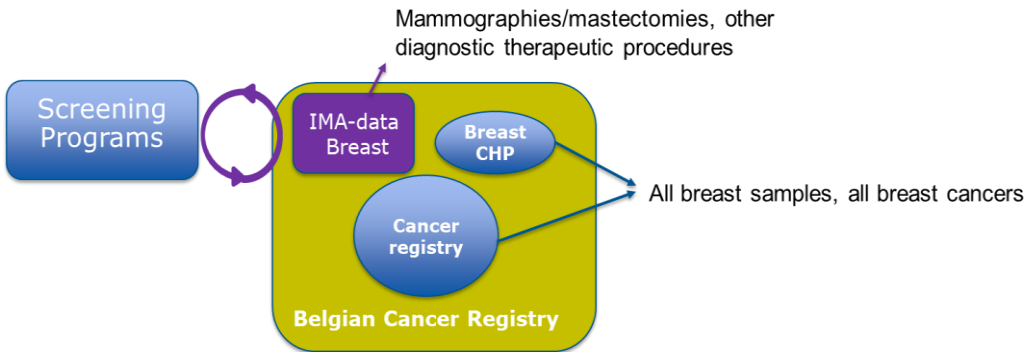
Contribution of the Belgian Cancer Registry



Exclusion lists: reducing costs and overscreening



- **Check:** % of overscreened participants to organized screening, Flemish Region



In 2015, more than 11.000 women were overscreened



- **Plan/Do:** Implementation of exclusion lists

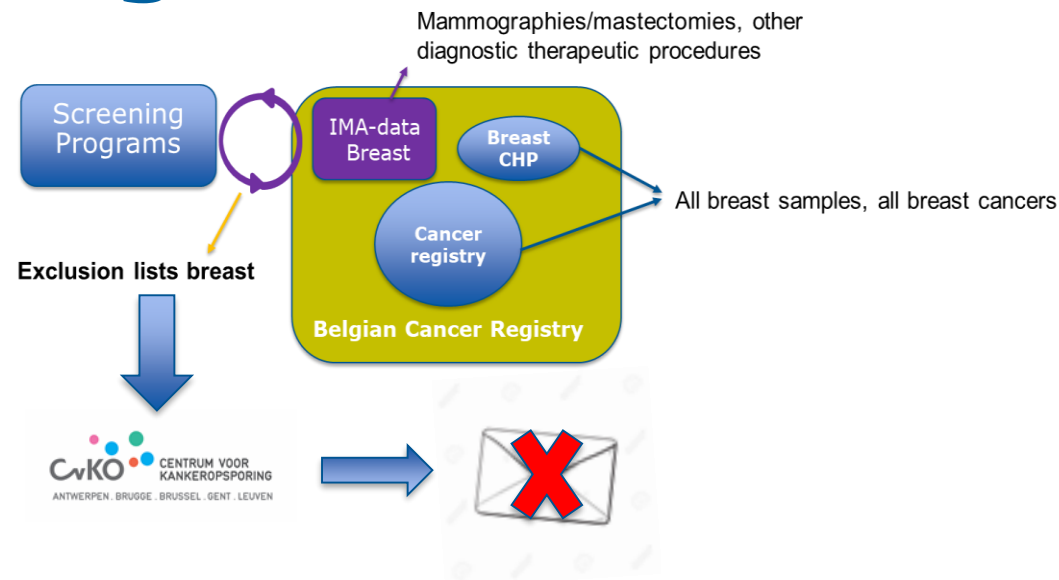
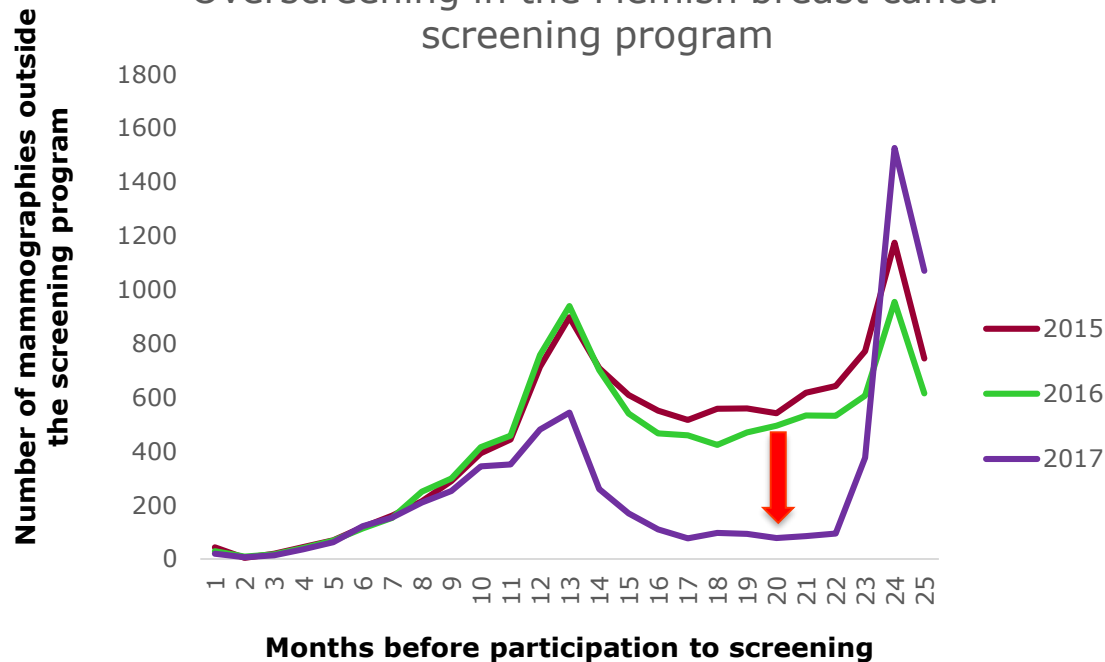


Exclusion lists: reducing costs and overscreening



- **Act:** Implementation of exclusion lists at the end of 2016, Flemish Region

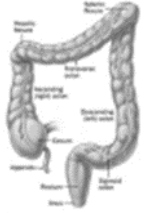
Overscreening in the Flemish breast cancer screening program



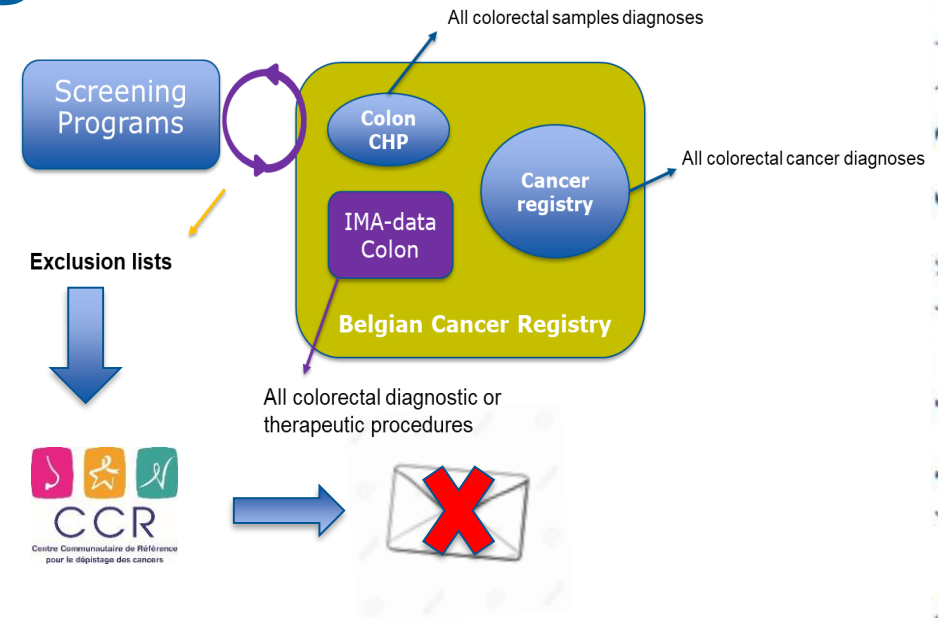
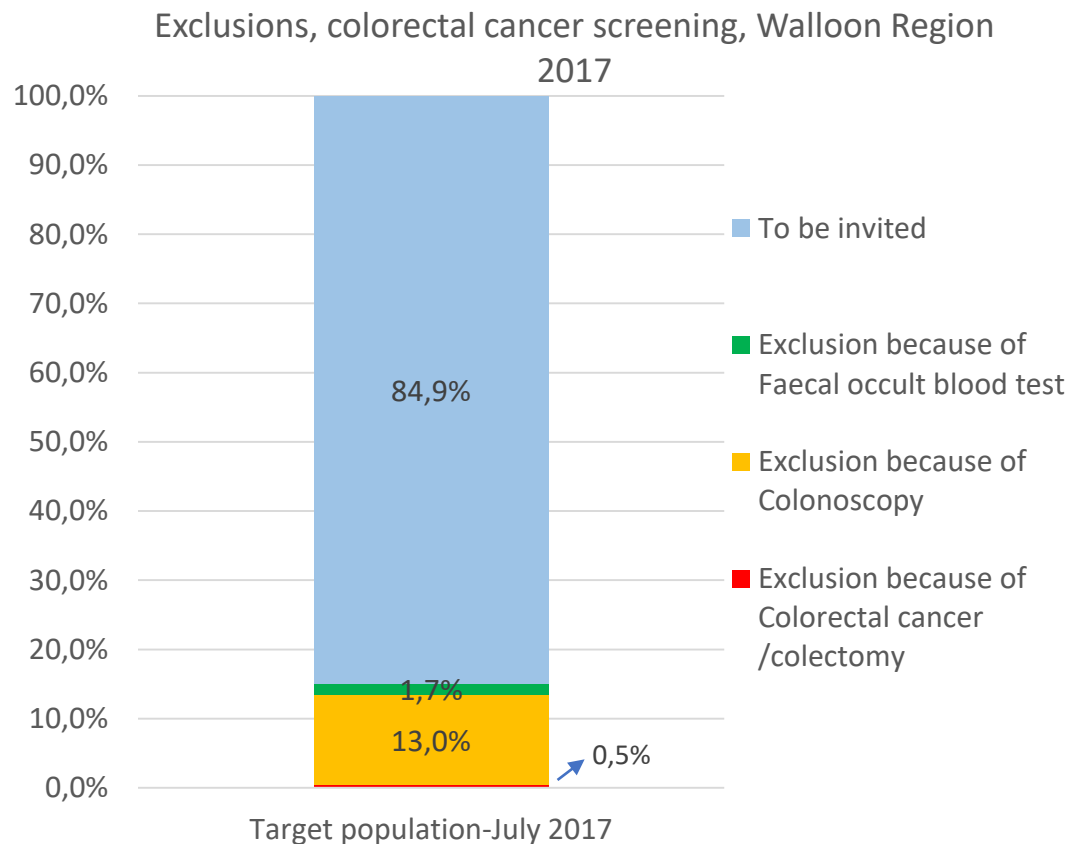
- **Check 2017:** almost 4800 less women were overscreened compared to 2015



Exclusion lists: reducing costs and overscreening



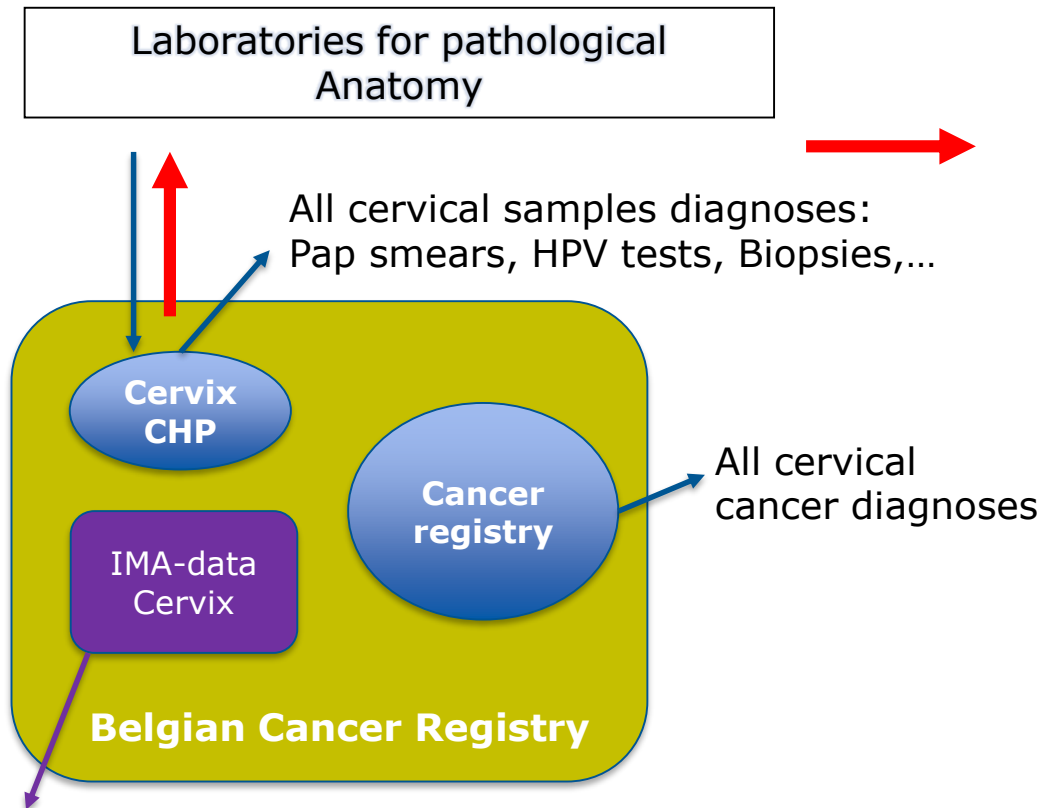
Act: Exclusion lists, Walloon Region



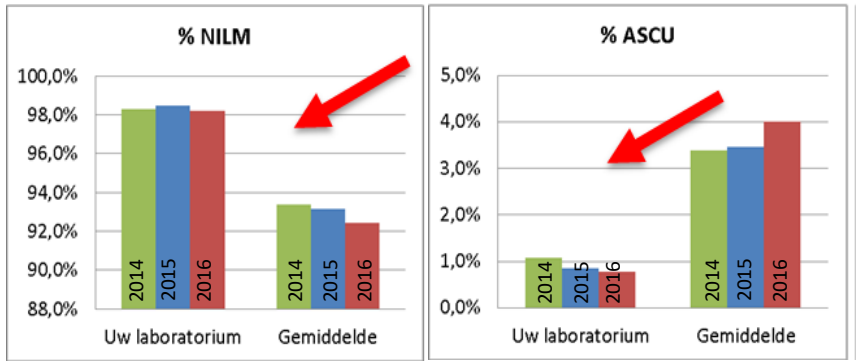
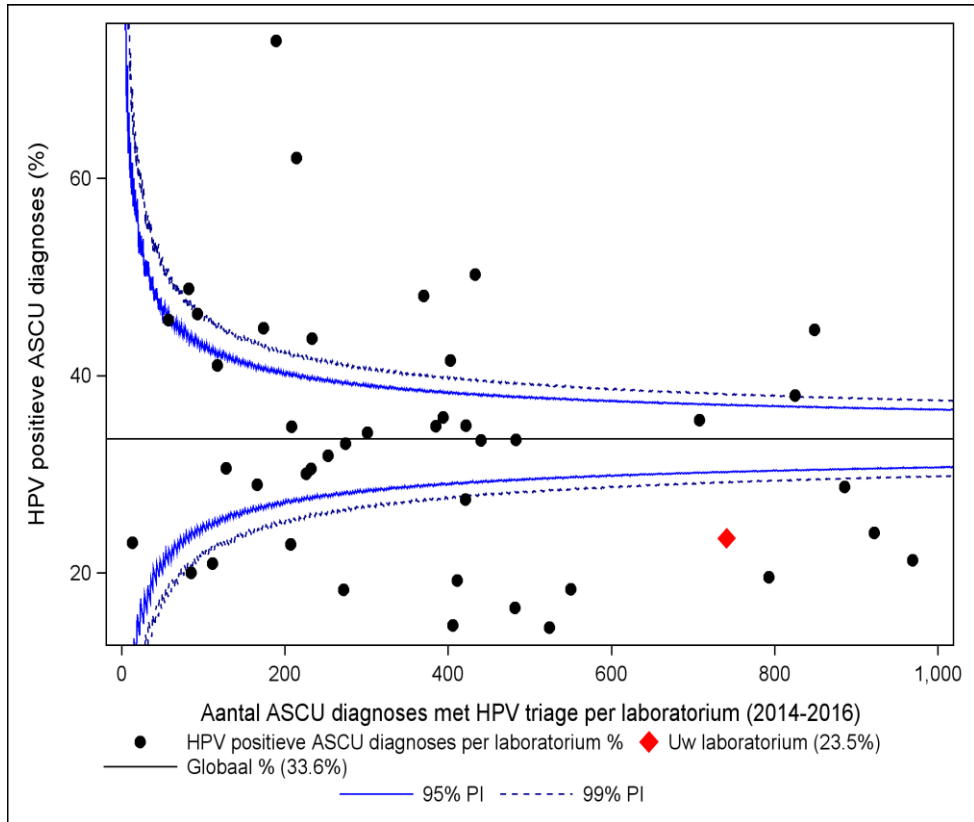
- Check 2017: 15% of the target population, n=180.178, could be excluded
 - Reducing cost invitation letters and FIT tests



From screening results to Follow-up data and Fail-safe



All cervical diagnostic or therapeutic procedures

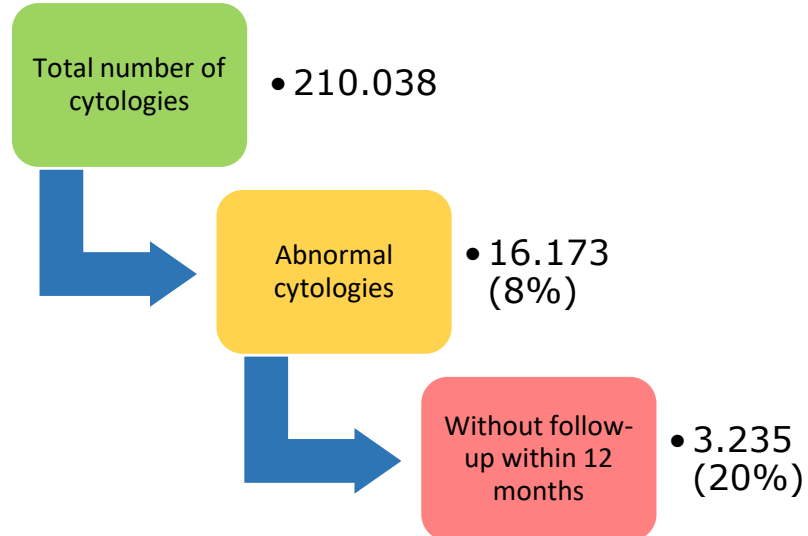


From screening results to Follow-up data and Fail-safe

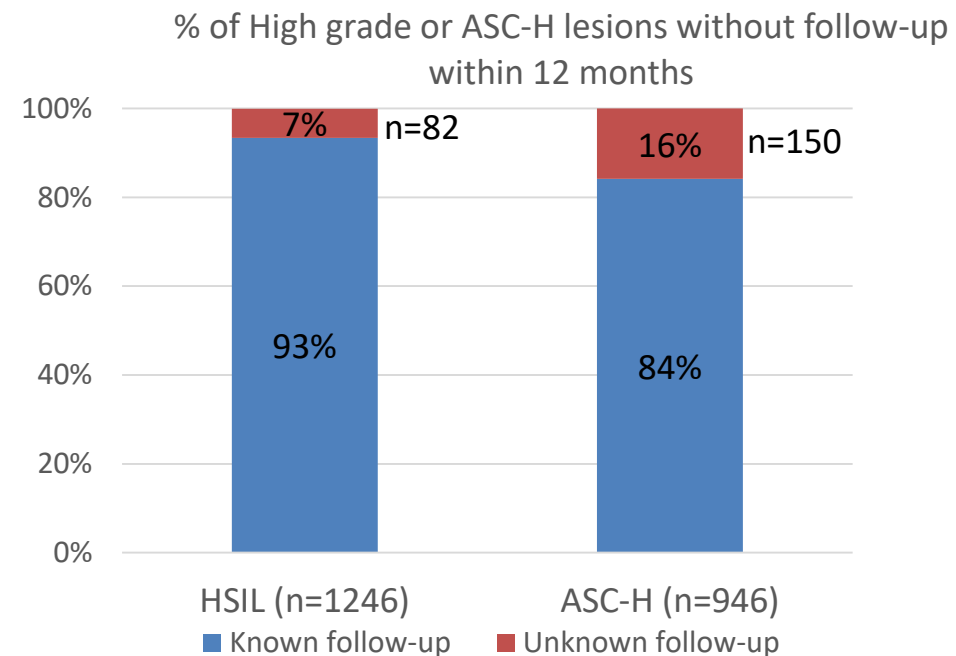
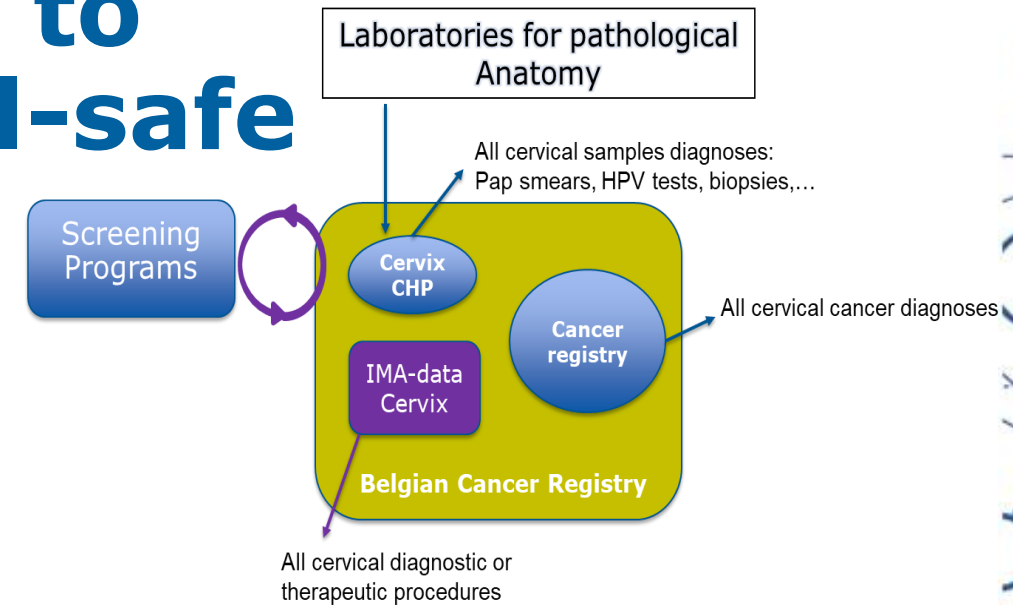


- **Check:** Evaluate % of abnormal cytology without follow-up, Flemish Region

Flemish Region, eligible population 2016, reimbursed cytologies



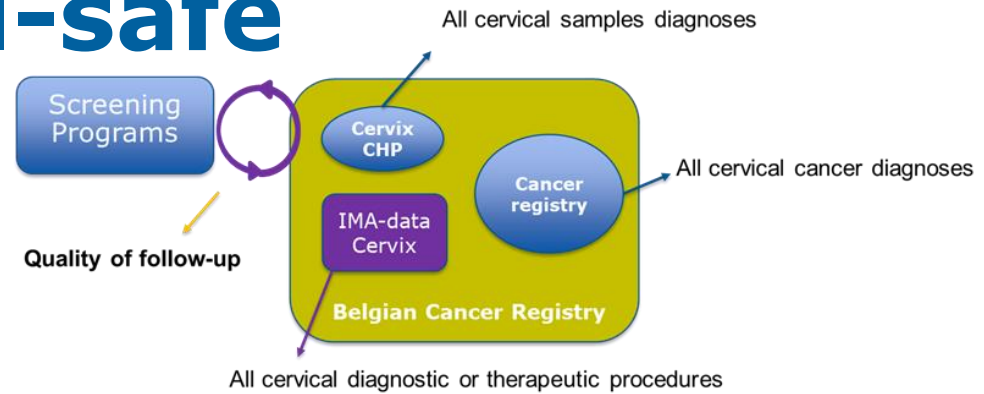
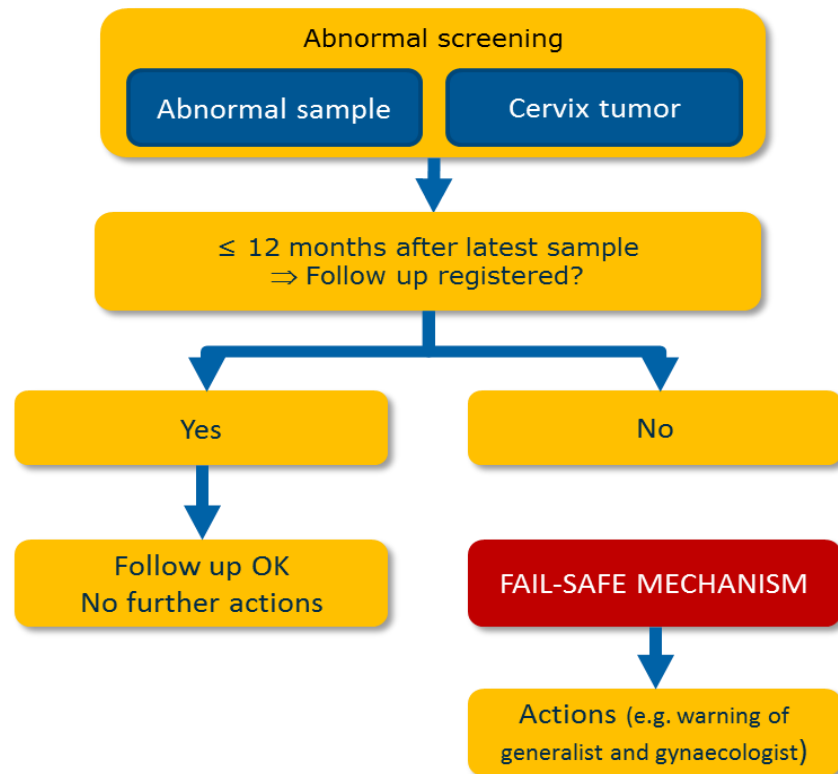
- **Plan:** Fail-safe



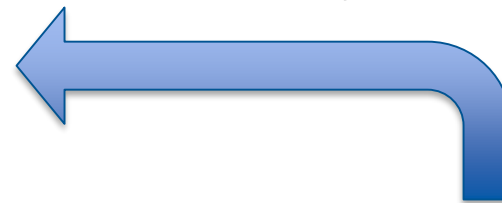
From screening results to Follow-up data and Fail-safe



- **Do:** Implementation of Fail-safe mechanism, Flemish Region



- **Check** impact by BCR



- **Act:** First Fail-safe list to CvKO (Oct 2018)

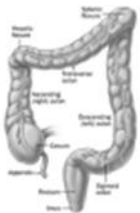


Clinicians

1st phase: 287 ♀ with HSIL or ASC-H

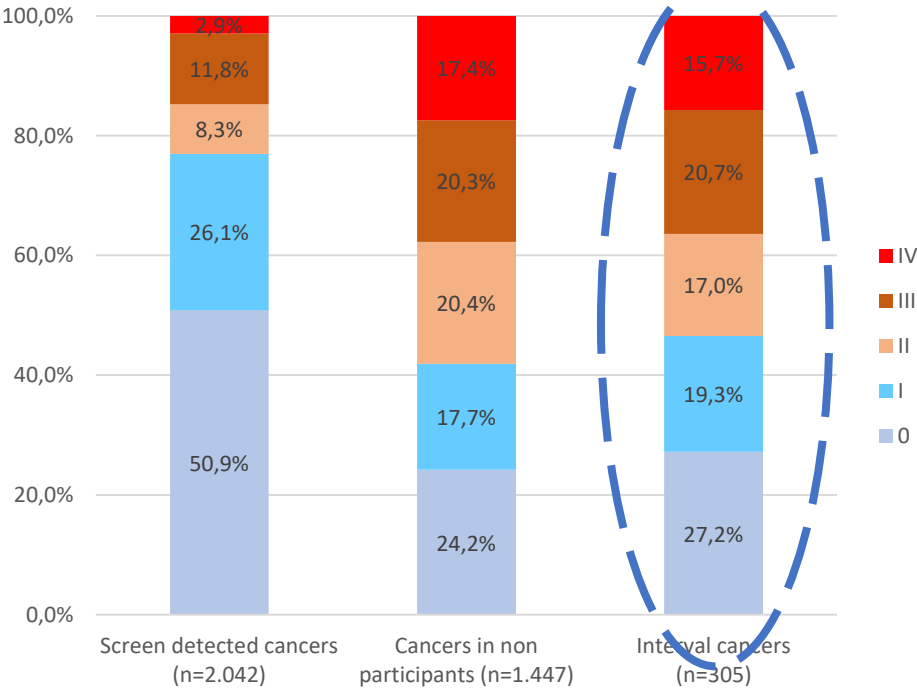


Cancer detection and characteristics



- Check:** Number and stage of screen detected cancers, interval cancers and cancers in non-participants, Flemish Region

Stage in screen detected cancers, interval cancers and cancers in non participants, Flemish eligible population, incidence year 2015

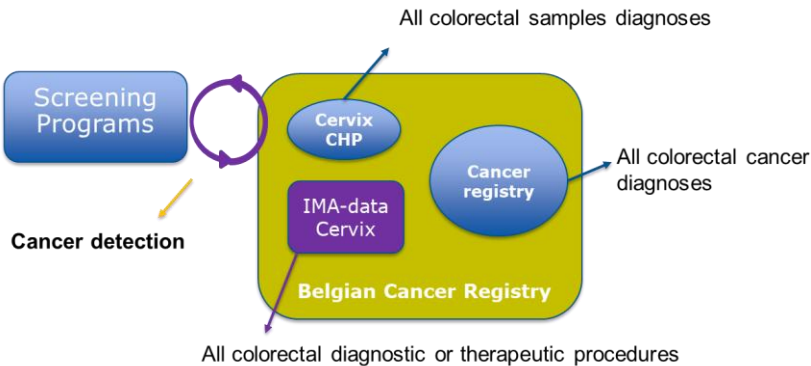
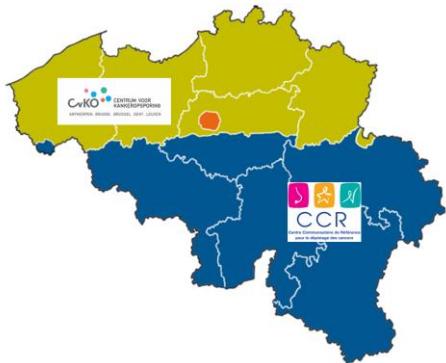


- Plan/Do/Act:**
 More detailed investigation of interval cancers:

Gender-Age- numerical FIT result-
 Screening round- Tumor
 localization- History of
 adenoma/colonoscopies



Collaboration with:



Take home messages

- Close **collaboration** between the **BCR** and the **cancer screening programs** leads to:
 - A **cost-effective organization** of the screening programs
 - **Quality assurance and improvement** of the screening programs
- **Data handling, -linkage and -exchange is indispensable** for the quality assurance of screening programs and should be in line with **privacy regulations**

