

Project WASABY: Water And Soil contamination and Awareness on Breast cancer risk in Young women

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Objectives

The main aim is designing procedures (a) to produce cancer maps, and (b) to conduct ecologic studies on association between pollution and increased cancer risk. The action foresees the creation of two taskforces working on the standardization and dissemination of statistical methods to map cancer risk using data from population-based cancer registries (CRs), and to develop cancer-risk-related European Deprivation Index (EDI).

Methods

The project, subsidized by the European Commission (DG Santé), includes 3 horizontal Work Packages (WP) on coordination, dissemination, evaluation, and 4 vertical WPs. WP4: Management and coordination of CR data collection and exchange, definition of spatial analysis model on cancer incidence data. WP5: Deprivation indexes (SES) computation and creation of a European network of experts on deprivation and methodological issues. WP6: Methods of spatial analysis with CR data. WP7: Collection of scientific evidence on breast cancer risk factors, identification of available databanks on water and soil pollutants, pilot environmental study.

Results

The project has a three-year duration starting in January 2018 with the following expected outcomes:

- to determine appropriate models for cancer incidence mapping for routine use by CRs.
- to determine the data sources and construction of EDI for selected countries.
- to study the relations between water & soil pollution and breast cancer risk for one pilot area.
- to develop an online course on breast cancer prevention targeted to young girls and adolescents.

Conclusions

The involvement of CRs in the WASABY project is most welcome: already 22 CRs from 9 countries expressed their interest to participate. The project leaders will be glad to accept the adhesion of other European CRs. All participating CRs will be aided in the preparation of cancer maps and/or EDI.