



The ENRIECO Project:

Environmental Health Risks in European Birth Cohorts

www.enrieco.org

The aim of the ENRIECO project is to advance our knowledge on the effect that specific environmental exposures during pregnancy and early life may have on the health of newborns and children. Many epidemiological studies conducted in Europe have addressed these issues but the wealth of available information has only been partially exploited. The combination of existing data in Europe will help identify causal links between environmental exposures and health and provide recommendations for effective policy decisions.

ENRIECO has created an inventory of all existing birth cohorts (cohort: a study that follows-up prospectively a population, in this case mother-child cohorts) in Europe with data on environmental exposures (link in www.birthcohorts.net.) Working groups evaluate research in specific exposure areas such as air and water pollutants, heavy metals, pesticides, radiations, persistent organic pollutants, environmental tobacco smoke, occupation of the mother, chemicals of emerging concern such as phthalates, PFOS and other, and in specific outcome areas such as reproductive outcomes (e.g. low-birth weight, preterm babies), asthma and allergies, neurodevelopment, cancer, growth and obesity. Case studies examine areas in which pooling of data across cohorts may be feasible for example exposure during pregnancy to PCBs, a widespread persistent contaminant, and low birth weight. The project will make recommendations for data collection in the future to improve environment-health linkages and information.

The ENRIECO project brings together over 30 cohorts and information on around 250,000 children from across Europe.

ENRIECO is committed to disseminating the project results to a wide user community, ensure an active dialogue, and provide opportunities for exchange of expertise and experience, and transfer of knowledge.

The 2nd ENRIECO workshop will be organized on 26-28 May 2010 at the Institute for Risk Assessment Sciences, Utrecht Universiteit, Utrecht, The Netherlands.

ENRIECO General Information

A project conducted within the European Union's 7th Framework Programme [Theme 6, Environment (Including Climate Change)]

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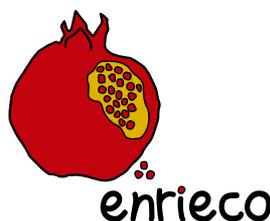
Duration in months: 24

Project Coordinator

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Enrieco: Countries with Participating Cohorts