

Canadian Partnership for Tomorrow Project

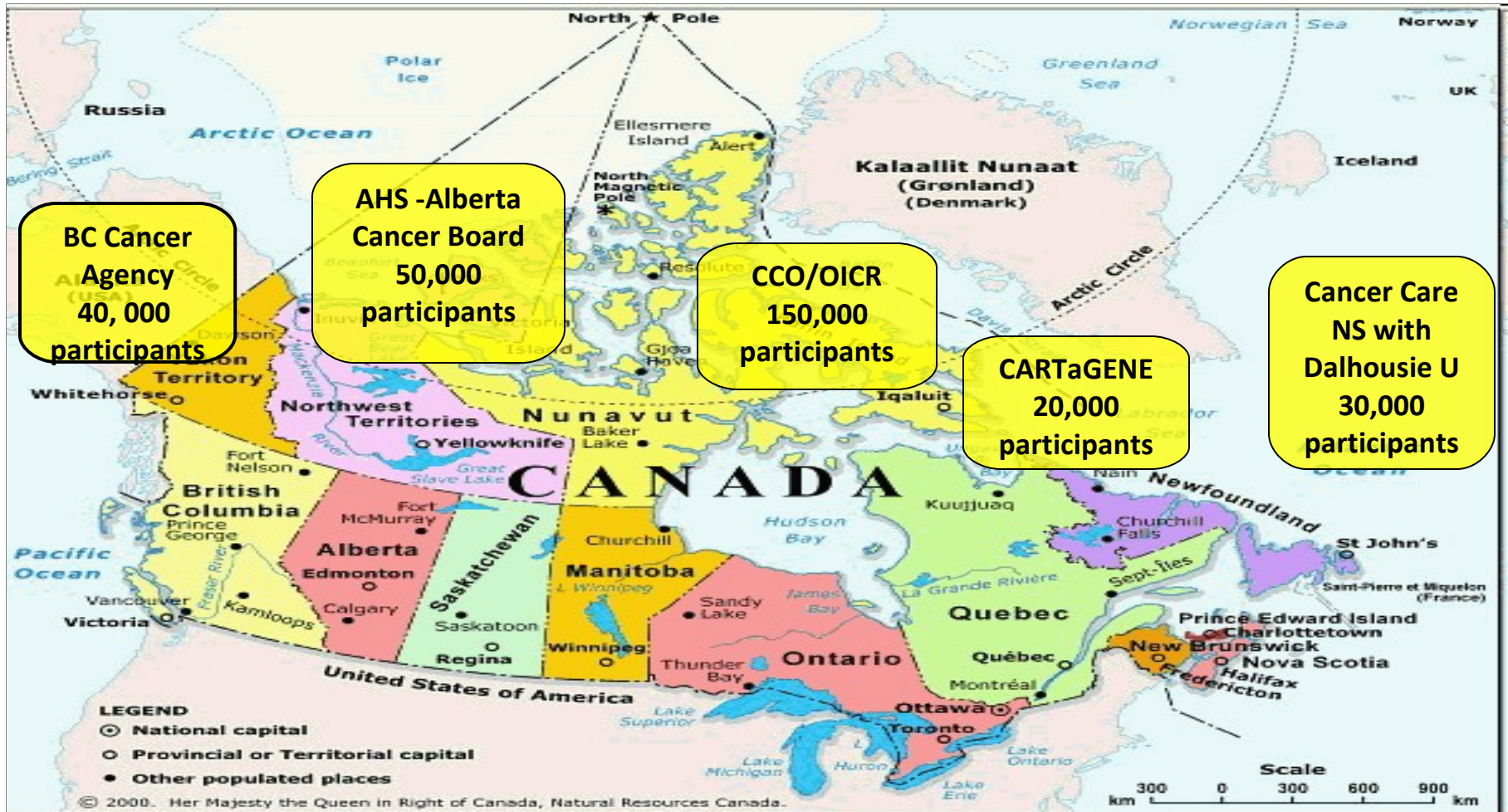
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(on behalf of CPT Project investigators)

Goals

- To enrol approximately 300,000 Canadian adults (35-69y) to a prospective cohort study:
 - collect baseline data and biological samples
 - perform active and passive follow-up for up to 50 years
- To develop infrastructure to facilitate national and international transdisciplinary research in health and chronic disease (building a ‘population laboratory’)

Pan-Canadian Enrollment



Federated model - structure

Cohorts

Alberta (The Tomorrow Project)
Atlantic Canada (Partnership for Tomorrow's Health)
British Columbia (BC Generations Project)
Ontario (Ontario Health Study)
Quebec (CARTaGENE)

National coordinating centre

Task Forces & Working groups

ELSI and Privacy TF
Information Technology TF
Harmonization TF
Environment & Occupation Expert Advisory Group
Physical measures working group
Biological samples working group

**Canadian
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Pulling it together...

- 5 regional/provincial cohorts: each at a different stage of development when funding for a pan-Canadian endeavour was announced in June 2008
- Cohorts based in different kinds of institutions (e.g. universities, research institutes, provincial cancer agencies, provincial health authorities)
- PIs committed to overall goals of CPT Project, but with research interests of their own
- **Needed to decide on set of 'core' activities that would achieve overall goals of CPT Project**

'Core' consent elements

- Consent to be sought from **all participants** to:
 - complete baseline questionnaires, be measured and donate blood and urine samples for banking
 - receive follow-up requests for more information and samples
 - allow linkage with administrative 'health-related' databases
 - permit transfer of data to a pan-Canadian repository
 - permit transfer of blood and urine samples to a pan-Canadian repository
 - allow long-term storage of data and samples for use in currently unspecified future research studies

Prospective harmonization

- Identified set of 'core' variables to be collected by all cohorts – based on P3G Generic DataSHaPER
- Generic DataSHaPER augmented with additional variables
- Core variables harmonized across Canada
- High degree of harmonization with other large international biobanks
- www.p3qobservatory.org – CPT DataSchema

Progress to date

- Funding from Canadian Partnership Against Cancer released early 2008
- Enrollment commenced early 2009
- 3,000 participants have been enrolled in CPT Project
- Work underway to develop protocols for establishment of pan-Canadian data and sample repositories...

The Partners

- R Gallagher and M Borugian (British Columbia)
- P Robson (Alberta)
- J McLaughlin (Ontario)
- BM Knoppers (Quebec/ELSI & Privacy)
- L Parker (Atlantic)
- I Fortier (Harmonization)
- V Ferretti (IT Task Force)
- A Keefe (Occupation & Environment)
- And many others!



Canadian Partnership for Tomorrow Project

Funders & Supporters

Our project gratefully acknowledges:



and

**Alberta Health Services-Cancer Corridor
Alberta Cancer Foundation
British Columbia Cancer Agency
BC Cancer Foundation
Cancer Care Nova Scotia
Dalhousie University
Cancer Care Ontario
Ontario Institute for Cancer Research
University of Montréal
Genome Canada / Genome Quebec
Public Population Project in Genomics (P3G)**