

We will start
at 2 p.m.

What is Health Impact Assessment (HIA) of Public Policies?

Webinar | October 21, 2014

Teleconference:
1-866-827-6872
Code: 274 03 60 #

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Julie Castonguay
National Collaborating Centre
for Healthy Public Policy



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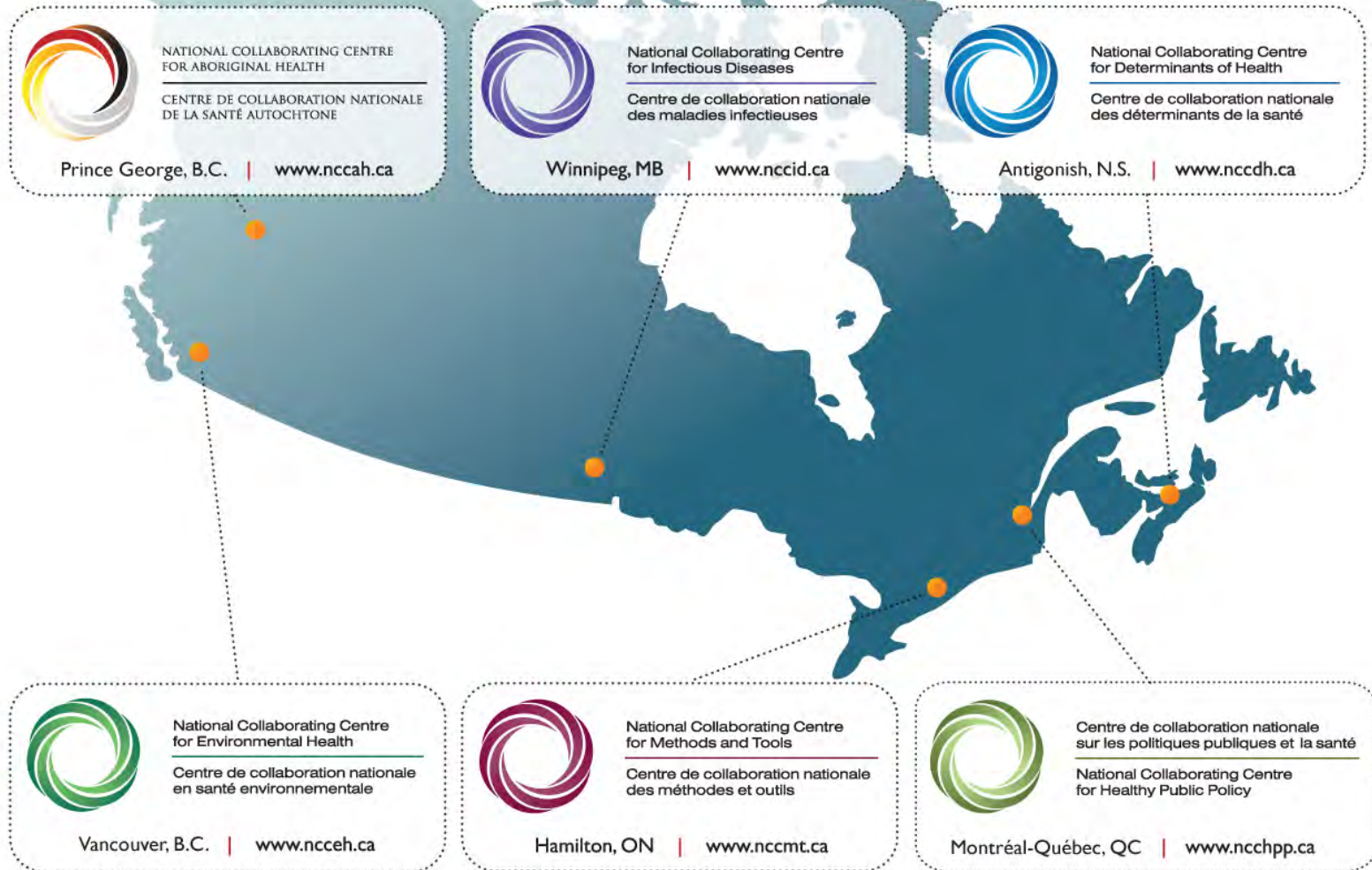
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Our mandate

- Support public health actors in their efforts to promote healthy public policies

Our areas of expertise

- The effects of public policies on health
- Generating and using knowledge about policies
- Intersectoral actors and mechanisms
- Strategies to influence policy making

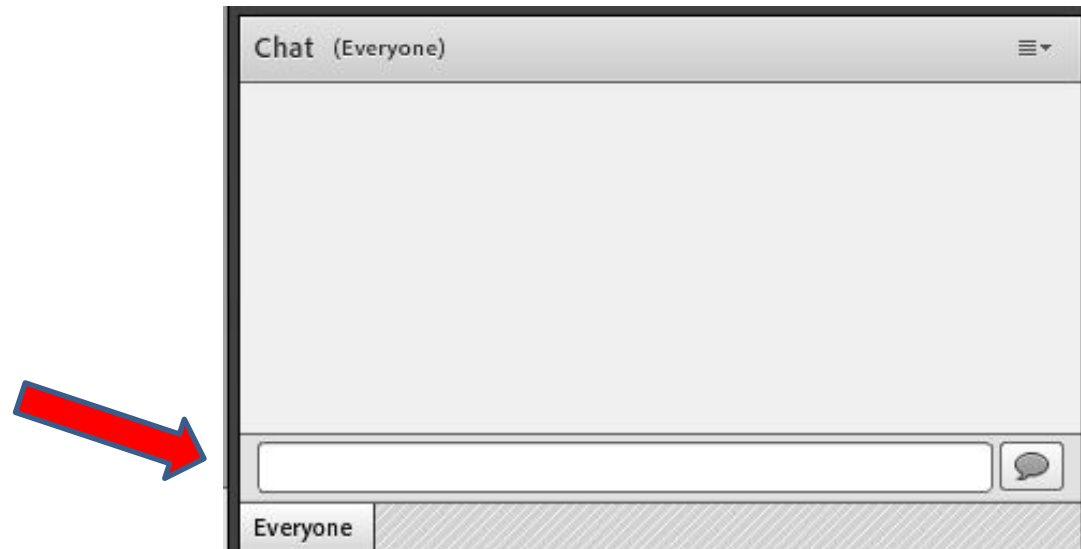


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At the end, we will have a discussion period. To ask your question(s)...

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Disclosure of potential conflicts of interest

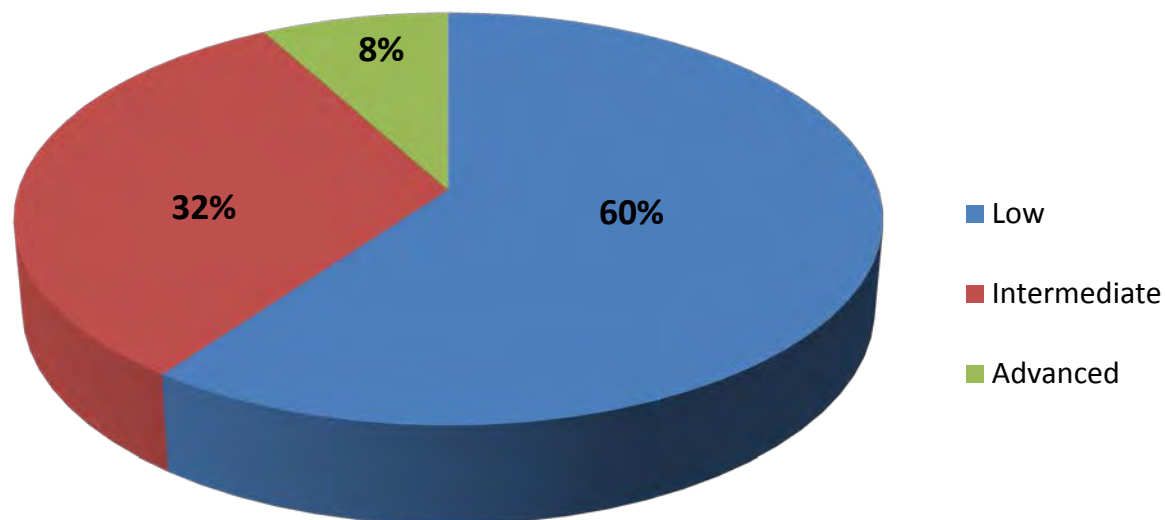
I declare that I have no conflict of interest; I have no affiliation or financial involvement with any organization with a financial interest, direct or indirect, in the subject material discussed in this presentation.



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Level of knowledge



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Webinar Objectives

Understand the origin and values of HIA

Describe the five steps of HIA

Recognize HIA as an approach to support public sector decision making

Find necessary resources to learn more about different aspects of HIA



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air
quality

housing

food availability

community

jobs

walking

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What is HIA of public policies?

Applying a health lens
to a policy or project
developed
by a public authority
for reasons other than health



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What is a public policy?



- No agreed upon definition
- NCCHPP: “A **strategic action** led by a **public authority** in order to limit or increase the presence of certain **phenomena within the population**”
 - Definition focused on action
 - Public authority:
Any government at the federal, provincial, regional or municipal level

National Collaborating Centre for Healthy Public Policy (2014). What we do. Consulted on September 15, 2014: <http://www.ncchpp.ca/62/what-we-do.ccnpps>

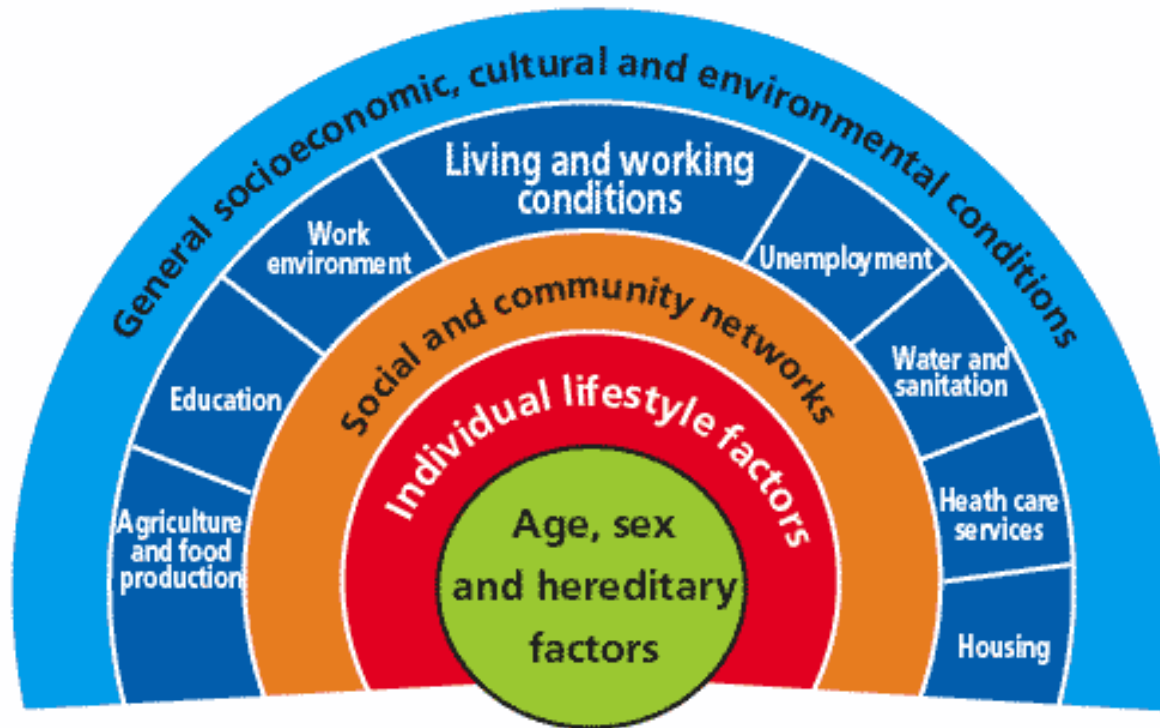


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Main features:

1. A broad perspective on health determinants



Source: Dahlgren & Whitehead, 1991.



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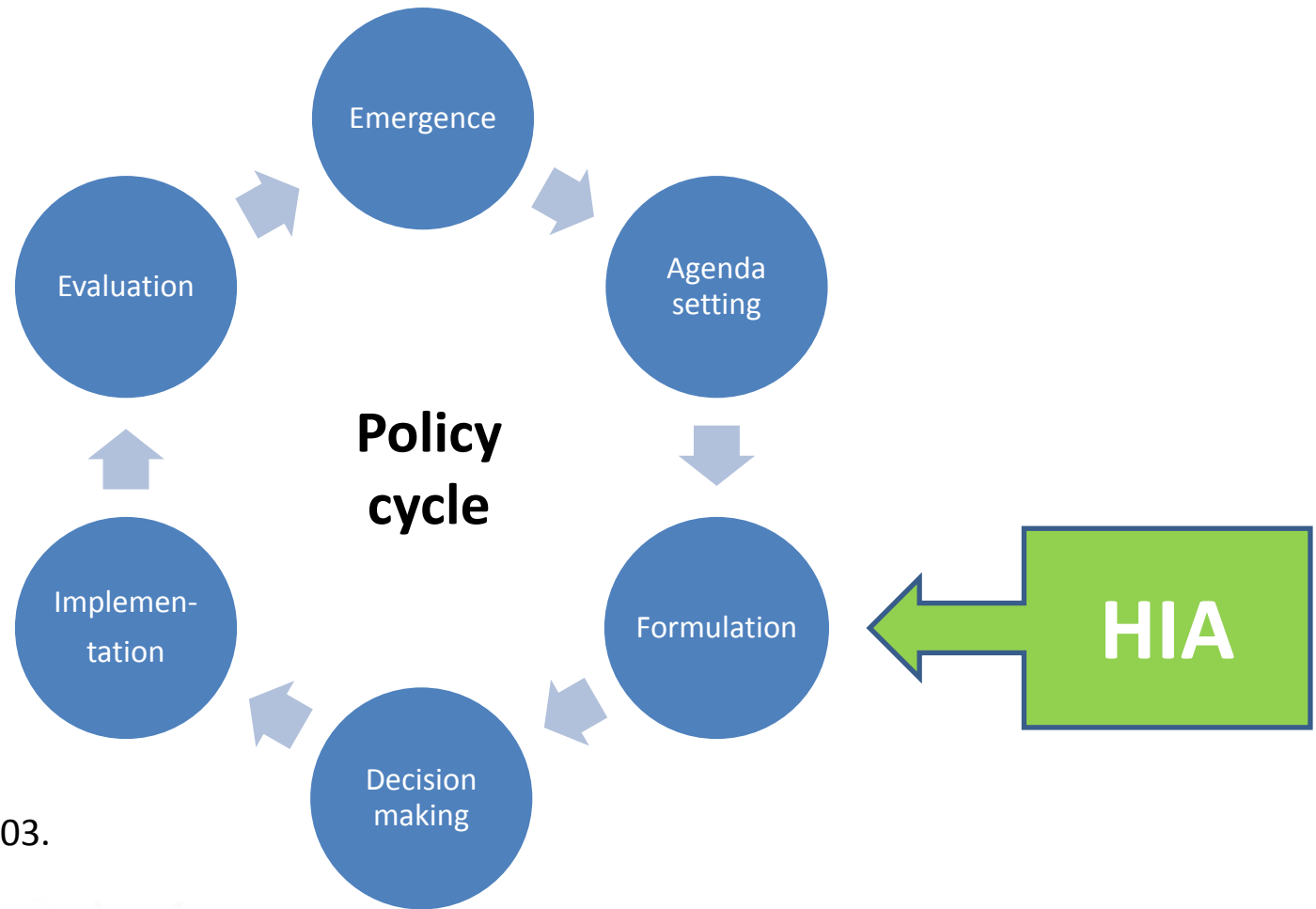
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Main features:

2. A prospective assessment



Howlett and Ramesh, 2003.



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Main features:

3. Based on shared values and principles



Democracy



Equity



Sustainable
Development



Ethical use of
evidence

Gothenburg Consensus
ECHP, 1999.

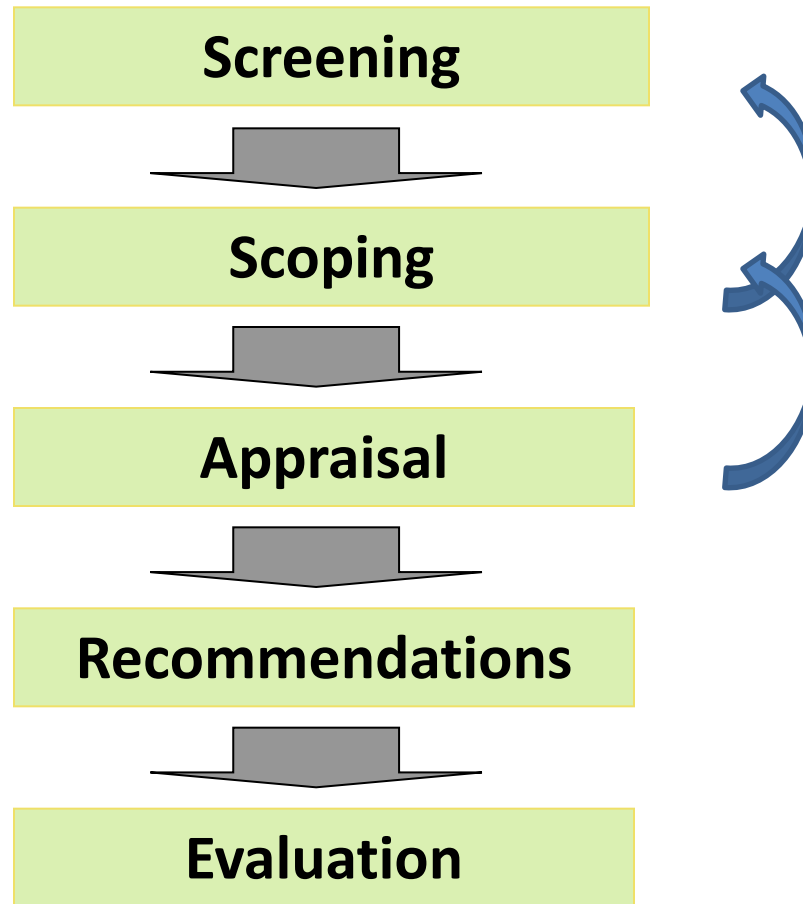


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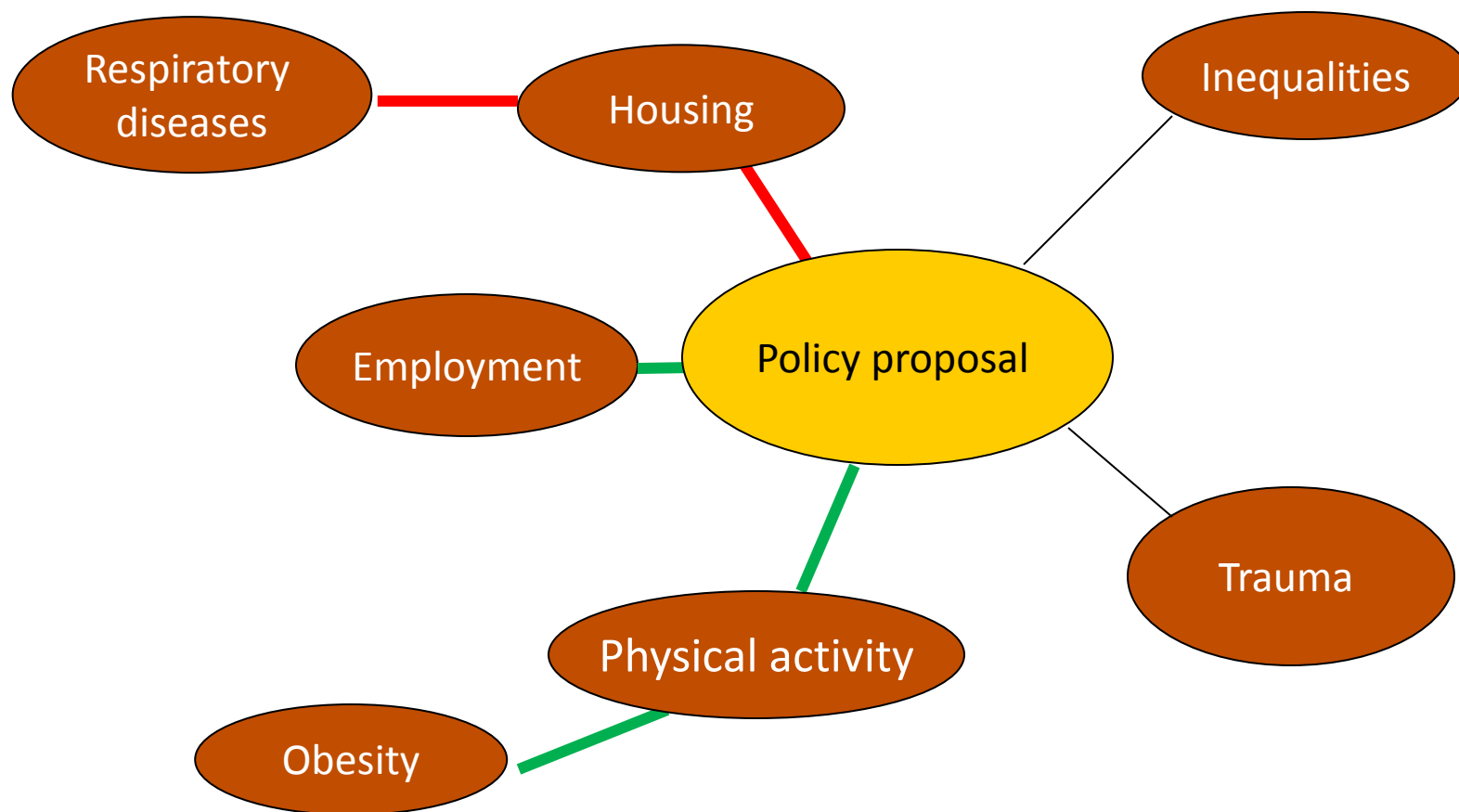
Main features:

4. Using a standardized process



Main features:

5. On policy / project outside of the health sector



Main features:

5. On policy / project outside of the health sector

A municipal compost plant in Montérégie, QC.

A municipal social development policy in Pincourt, QC.

Expansion of Billy Bishop Toronto City Airport, ON.

Shared Space Model for Sudbury Community Service, ON.

A tourism development project in rural Switzerland.

A farmer's market in New Jersey, USA.

Local procurement policy for school cafeterias in Oregon, USA.



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Main features:

6. With the involvement and engagement of stakeholders



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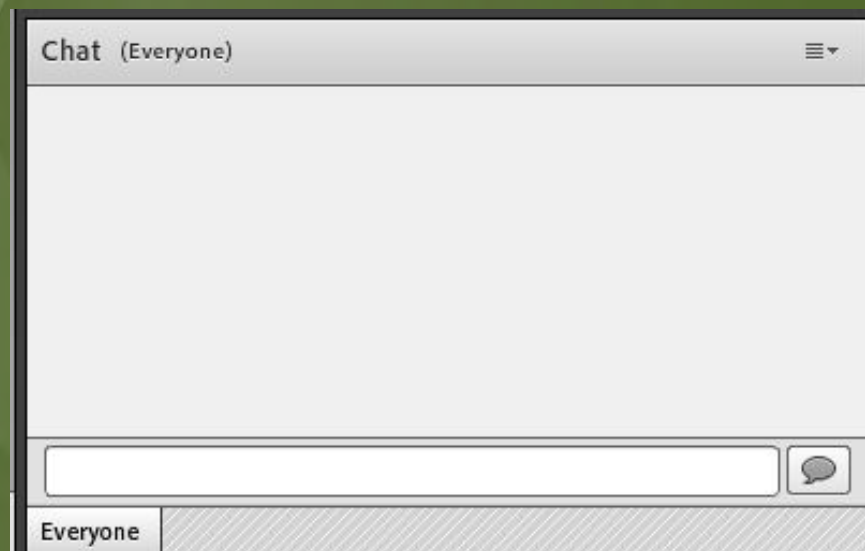


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Questions?

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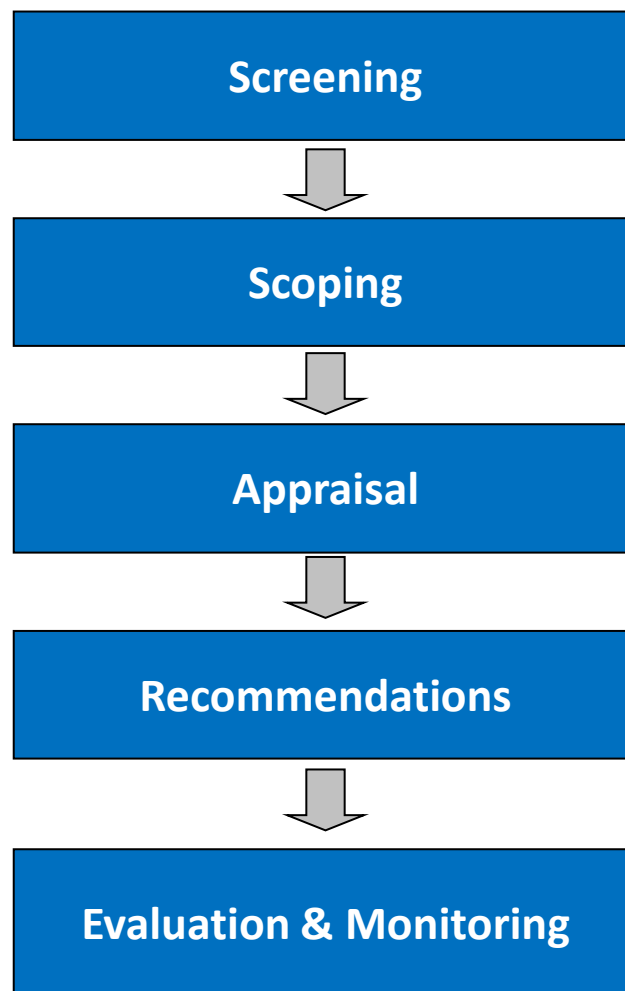
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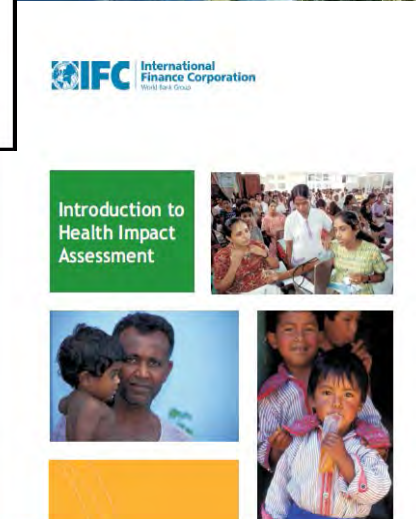
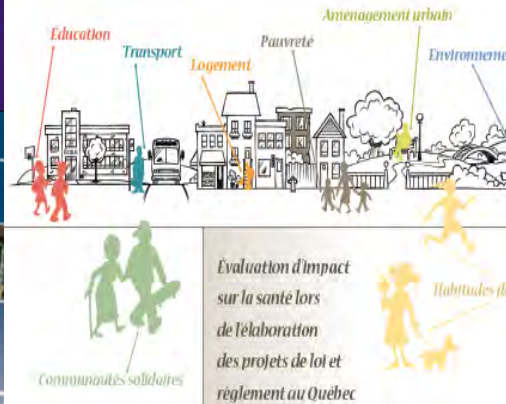
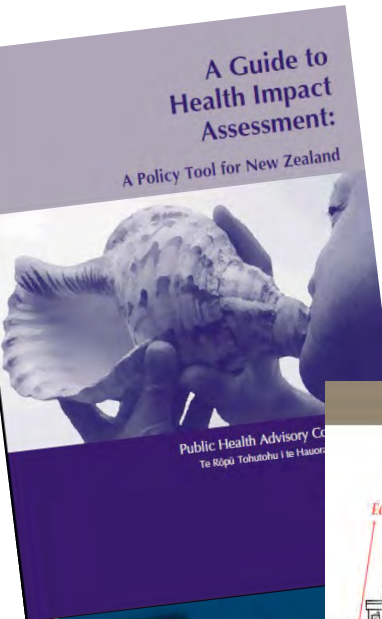
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A structured process

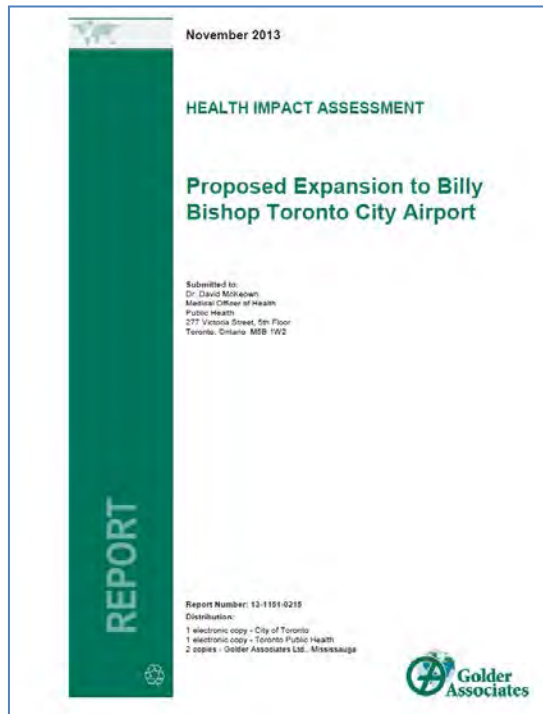


Many HIA Guides published around the world



A Canadian Example

Proposed Expansion of Billy Bishop Toronto City Airport, ON.



Source:

<http://www1.toronto.ca/wps/portal/contentonly?vgnextoid=e752105d4cff1410VgnVCM10000071d60f89RCRD&vgnextfmt=default>

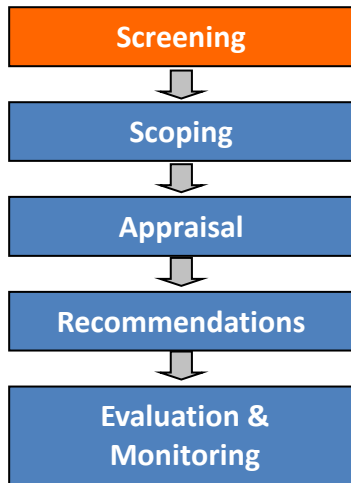


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Screening

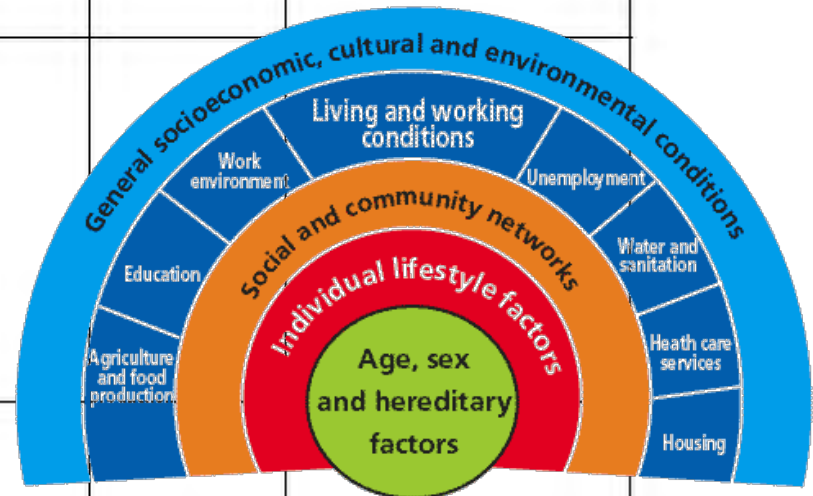


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2

NCCHPP Internal Tool
Health Impact Assessment (HIA) Screening Grid

Determinants of health	Yes <u>Negative</u> impact	Yes <u>Positive</u> impact	No impact	Affected populations	Comments
Lifestyle and behaviour					
Diet					
Physical activity					
Tobacco					
Alcohol					
Sexuality					
Others					
Environment					
Air					
Water					
Soil					
Noise					
Odour					
Waste					
Landscape					
Others					
Built environment					
Green spaces					
Connectivity					



Source :

[http://www.ncchpp.ca/docs/2014_EIS_HIA
Tool_Screening_en.pdf](http://www.ncchpp.ca/docs/2014_EIS_HIA_Tool_Screening_en.pdf)

Source: Dahlgren & Whitehead, 1991.



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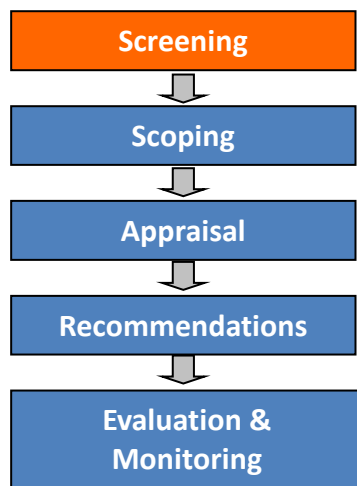
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Screening

How was screening done?



- Literature review
- Review of HIAs on airports in other jurisdictions
- Expert and community involvement:
 - Workshop with 28 participants representing public health experts and community groups.
- Public consultation
 - Website
 - Public meetings
 - Online survey
 - Telephone survey



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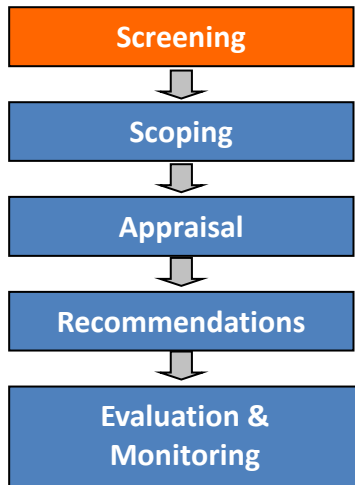
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Screening: exercise

Which determinant of health will most likely be affected by this proposal?



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Categories of health determinants (Toronto Public Health, 2008)

- a) Social and cultural factors
- b) Economic factors
- c) Environmental factors (including living and working conditions)
- d) Population-based services
- e) Individual and behavioural factors
- f) Biological factors
- g) Equity factors

Source:

http://www1.toronto.ca/City%20Of%20Toronto/Toronto%20Public%20Health/Healthy%20Public%20Policy/PDF%20Reports%20Repository/draft_hia_framework.pdf

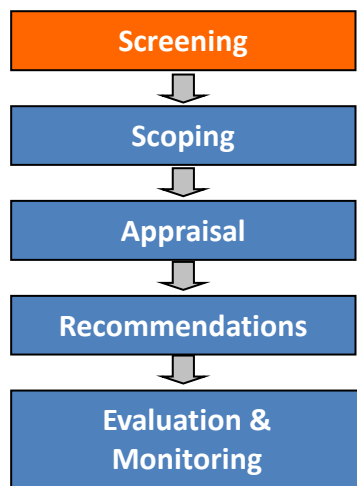


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Screening



Health determinants that could be significantly affected:

- Environmental factors
- Economic factors
- Social and cultural factors

Vulnerable groups:

- Children, toddlers and infants
- The elderly
- Individuals with existing health conditions
- Low-income groups



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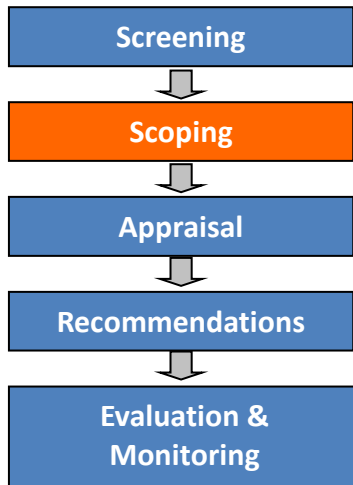
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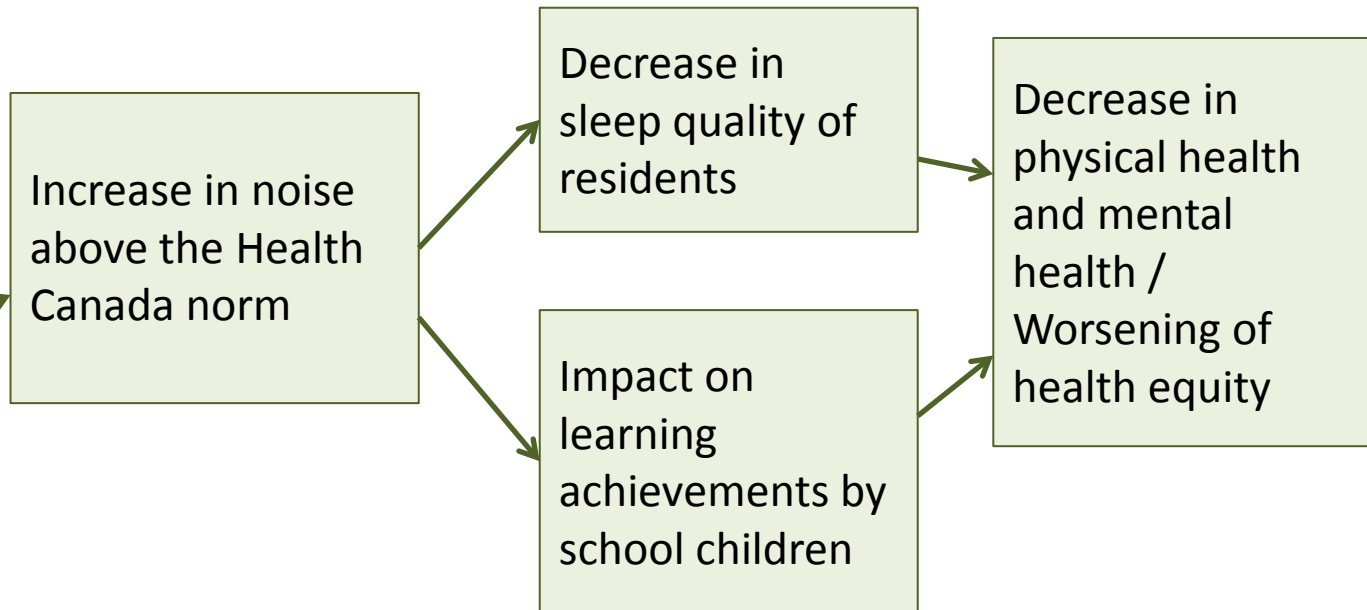
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Scoping: Logic Model



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Laying out your hypothesis as to how the project is linked to health impacts.

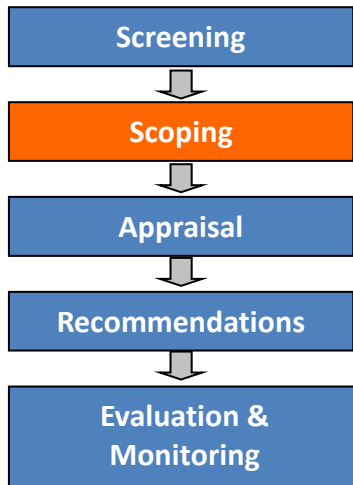


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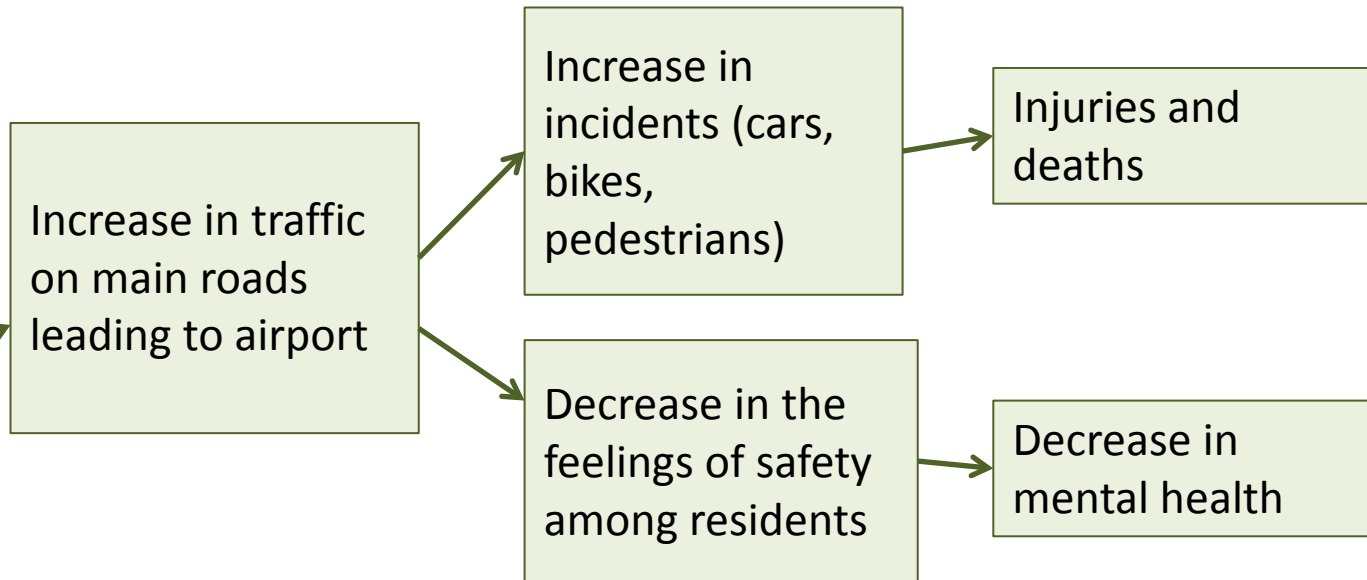
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Scoping: Logic Model / Exercise



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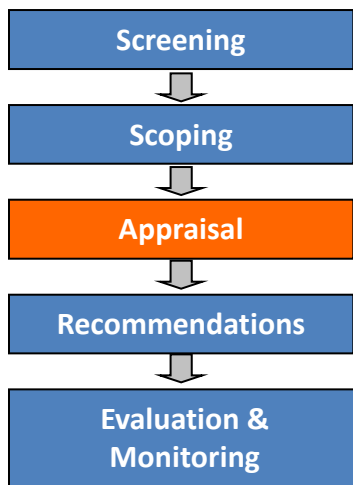


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Appraisal

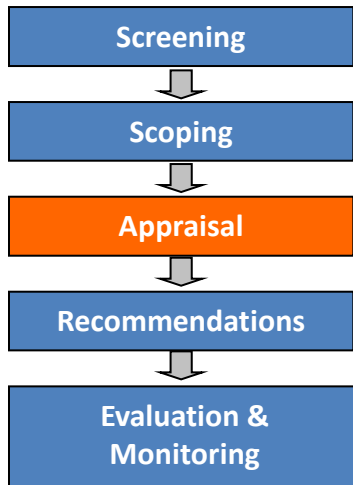
- **Community Profile**
- **Literature Review**
- **Expert and stakeholder consultations**
- **Citizen participation**
(contextualization of data)



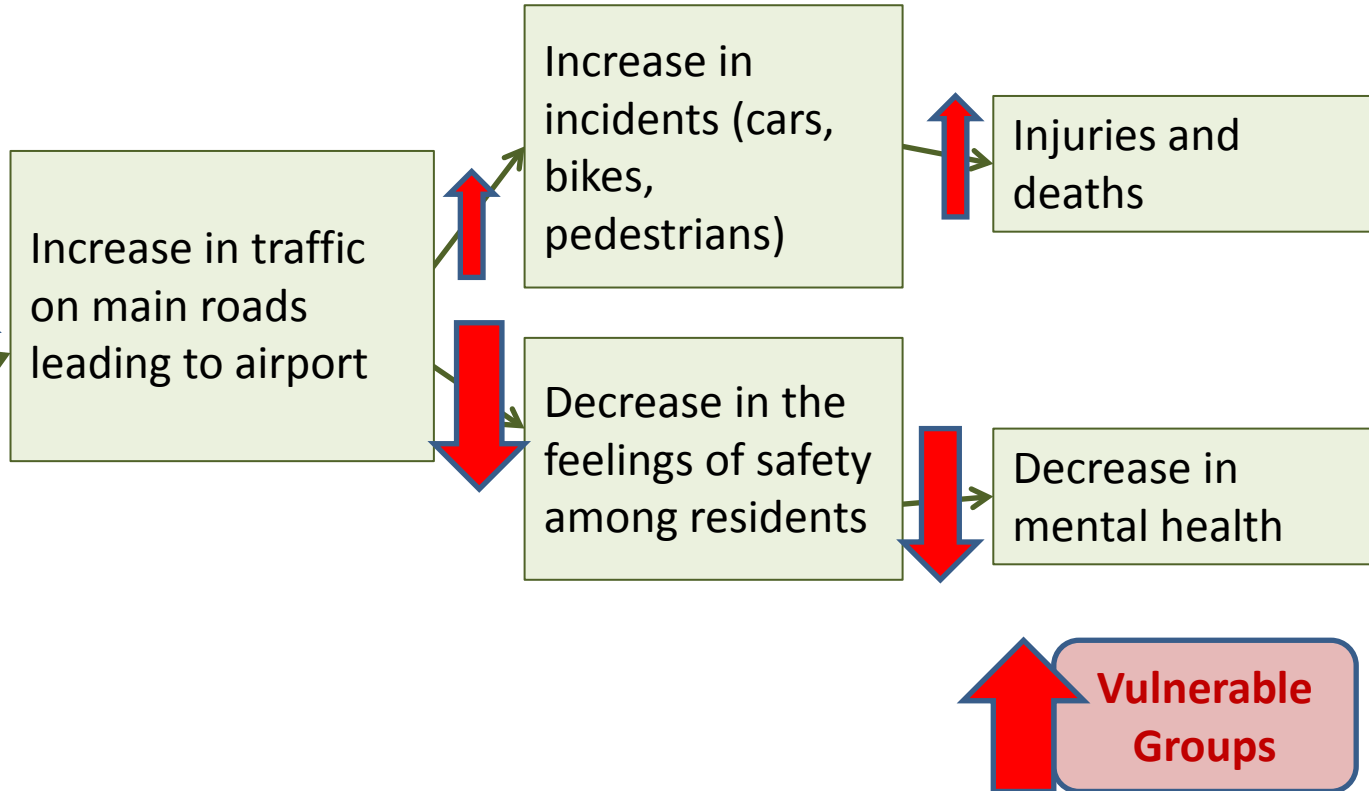
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Appraisal: Characterization of impacts



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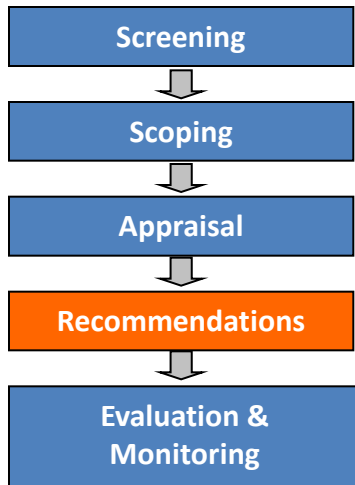


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Recommendations



Informing the decision maker:
How to improve this proposal?
How to minimize its negative impacts on health, and foster the positive ones?



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Examples:

- Noise: Flights allowed only between 9 a.m. and 8:00 p.m.
- Traffic: Modify signal timing to include a pedestrian advance phase.

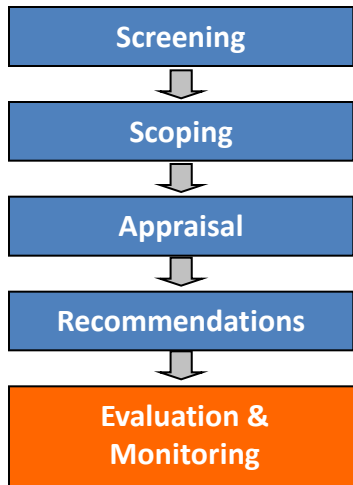


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Evaluation and Monitoring



Evaluation

- Of the process

E.g.

- Resources used
- Time frames
- Satisfaction with the HIA among project partners

- Of the effects

E.g.

- Changes according to the recommendations
- Decision makers gain new knowledge on determinants of health
- Intersectoral collaboration



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Various models of HIA

Based on Harris-Roxas and Harris (2011).

Mandated

Within
Environmental
Impact
Assessment

Scientific report

Public
health duty

Decision- support

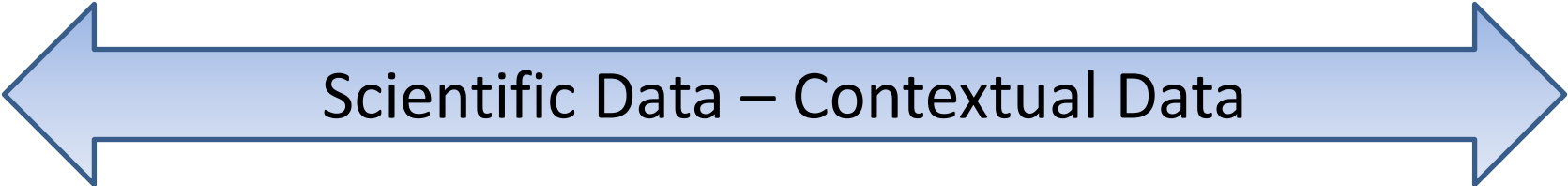
On a
voluntary
basis

Advocacy

To support
a point of
view

Community- led

To give
citizens a
voice



Scientific Data – Contextual Data

Effectiveness in influencing decision making

Research on 54 HIAs in Australia and New Zealand:

- Impact on decision: 80%
- Better knowledge of determinants of health: 83%

Harris, Haig et al. (2013).


General effectiveness

- Changing the way of thinking and working: eye-opener, intersectoral collaborations, and more.
- Allows one to develop new knowledge related to HIA: on the policy-making process, on health impacts, and more.
- Allows one to develop technical skills.

Source: Quigley, R. (2012).

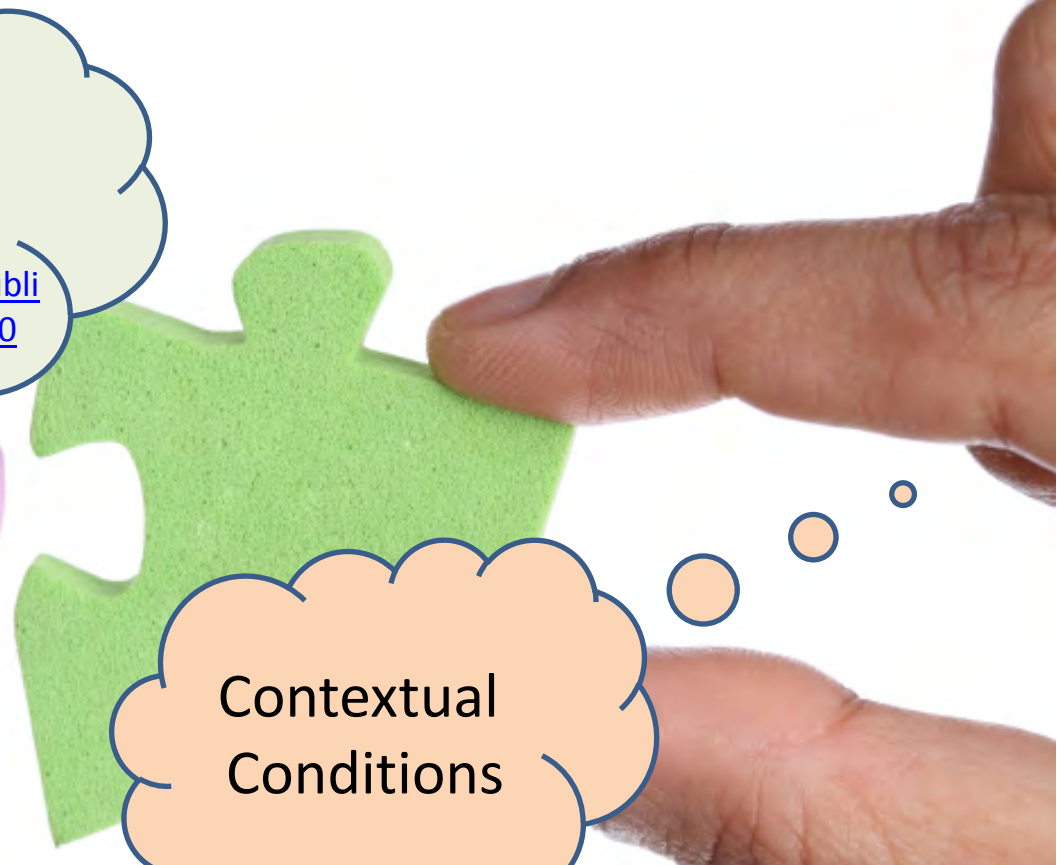


Favorable conditions for HIA implementation



Organizational
Conditions

http://www.ccnpps.ca/100/Publications.ccnpps?id_article=1210




Contextual
Conditions



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HIA Resources



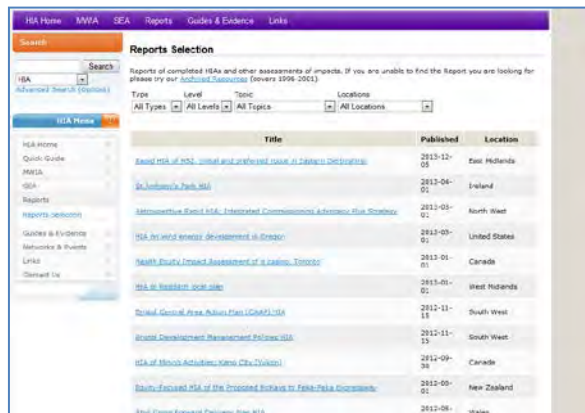
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For more examples...

- Montréal health region HIA reports (in French only):
<http://extranet.santemonteregie.qc.ca/sante-publique/promotion-prevention/eis.fr.html>
- HIA Gateway: <http://www.apho.org.uk/default.aspx?RID=44538>
- Human Impact Partners: <http://www.humanimpact.org/projects>
- The Society of Practitioners of HIA (SOPHIA) / Model HIA reports: http://hiasociety.org/?page_id=57



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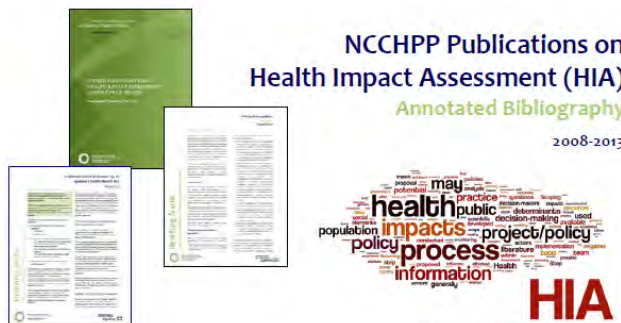
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NCCHPP publications on HIA

NCCHPP Publications on Health Impact Assessment (HIA)

Annotated Bibliography

2008-2013



2013

St-Pierre, L. (2013). The 12th International Conference on Health Impact Assessment (HIA): New Issues Arising from the Evolution of the Practice. Montréal, Québec: National Collaborating Centre for Healthy Public Policy. Retrieved from: http://www.ncchpp.ca/133/Publications.ccnpps?id_article=968

This document highlights the key messages of the 12th International Conference on Health Impact Assessment (HIA) that took place in Quebec city in August 2012. These yearly conferences play a role in consolidating HIA practice and in establishing an international community of practice.

Gauvin, F.-P. (2013). *Developing a citizen-participation strategy for health impact assessment*. Montréal, Québec: National Collaborating Centre for Healthy Public Policy. Retrieved from: http://www.ncchpp.ca/133/Publications.ccnpps?id_article=944

In this guide, we introduce a framework to assist HIA practitioners who are trying to determine whether it is relevant for them to develop a citizen-participation strategy and, if so, what form this should take.

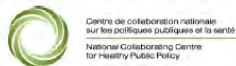
Morestin, F. (2013). *Planning knowledge sharing in the context of a health impact assessment*. Montréal, Québec: National Collaborating Centre for Healthy Public Policy. Retrieved from: http://www.ncchpp.ca/133/publications.ccnpps?id_article=950

This briefing note guides the reader in developing a knowledge-sharing plan. The document is aimed specifically at persons called upon to conduct HIAs; however, it may also be of interest to persons working on other projects involving several sectors or aiming at informing decision making related to public policies.

2012

Benoit, F., Druet, C., Hamel, G., & St-Pierre, L. (2012). *Implementation of section 54 of Québec's Public Health Act*. Montréal, Québec: National Collaborating Centre for Healthy Public Policy. Retrieved from: http://www.ncchpp.ca/133/Publications.ccnpps?id_article=124

This paper provides a brief review of section 54. It describes the context of its adoption as law, the procedures introduced by the Québec government to help in its implementation, and some of the results achieved to date.



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See the Annotated Bibliography here:

http://www.ncchpp.ca/docs/Biblio_HIA_EN.pdf

Or visit our website:

http://www.ncchpp.ca/54/Health_Impact_Assessment.ccnpps

Among others:

- HIA and inequalities
- HIA and citizen participation
- Organizational conditions for HIA implementation
- HIA Tool Box: Cost Calculator, Screening Grid, Scoping Tool
- Inventory of guides and tools

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NCCHPP HIA online course

HIA Step by Step
Continuing Education
12-hour course
Next course: 2015

IME-2304-HIA Step by Step You are logged in as Julie Castonguay (Logout)

Home Nous joindre My courses Logout

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- 10 Tasks associated with screening (continued from section 8)
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- 14 Discussion forum: Screening
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2 Review of steps

The HIA process is structured into five distinct steps. The order of these steps is logical and, we believe, intuitively easy to understand. Firstly, it is during screening that the decision is made either to proceed or not to proceed with the rest of the HIA process. Then, during scoping, the next three steps in the HIA are planned, in accordance with the constraints of the particular context in which it is being undertaken. The appraisal step comprises the collection and analysis of data on the health impacts of the project/program or policy. During the fourth step, a summary report and recommendations are produced. Finally, the last step involves reviewing the HIA process and evaluating its effects.

```
graph TD; A[Screening] --> B[Scoping]; B --> C[Appraisal]; C --> D[Recommendations]; D --> E[Evaluation and monitoring]; E --> A; E --> B; E --> C; E --> D;
```

For more information

http://www.ncchpp.ca/274/Online_Course.ccnpps?id_article=922



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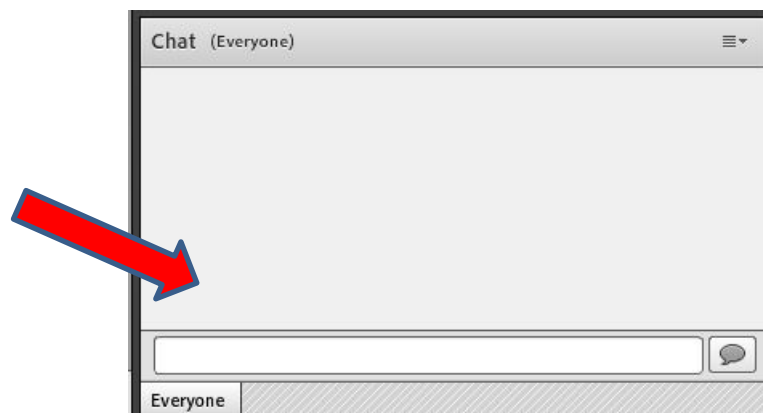
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