Game Changing Innovations: The Foresight Approach

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Chair of Foresight, Alberta Innovates – Technology Futures

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Foresight



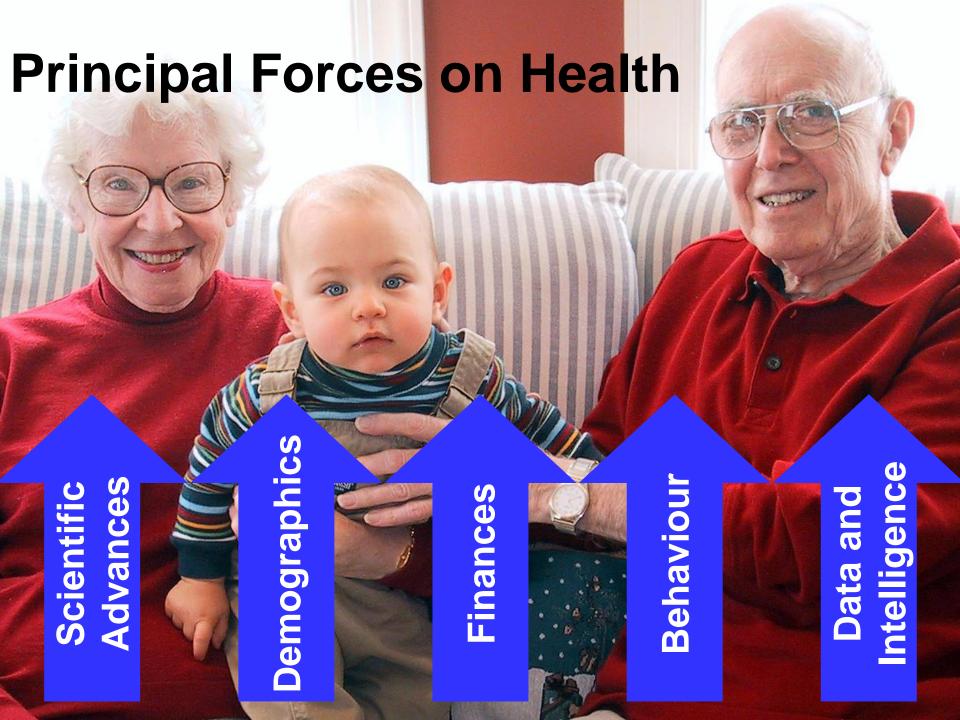
Foresight is the process of developing a range of views of possible ways in which the future could develop and understanding these sufficiently well to be able to decide what decisions can be taken today to create the best possible tomorrow.

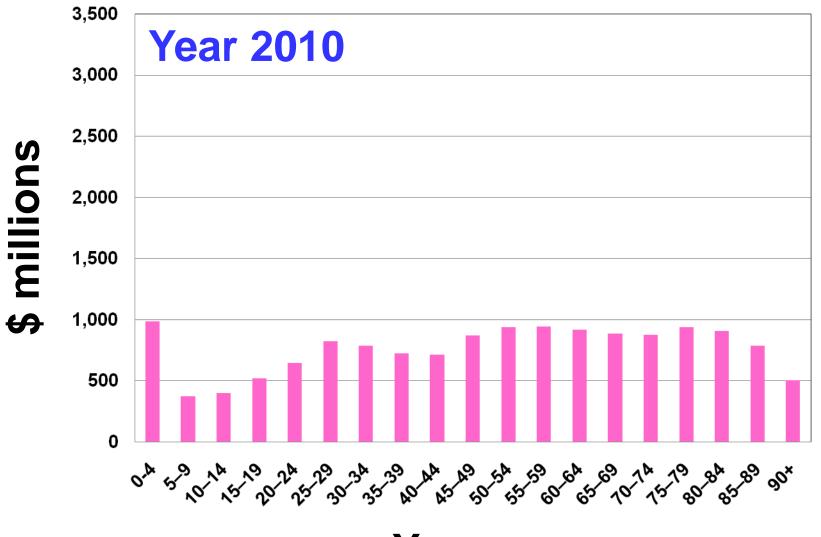
Luke van der Laan, University of Southern Queensland, Australia **The Imperative of Strategic Foresight to Strategic Thinking.** Journal of Future Studies August 2008, 13(1): p.27

Principal Foresight Methods

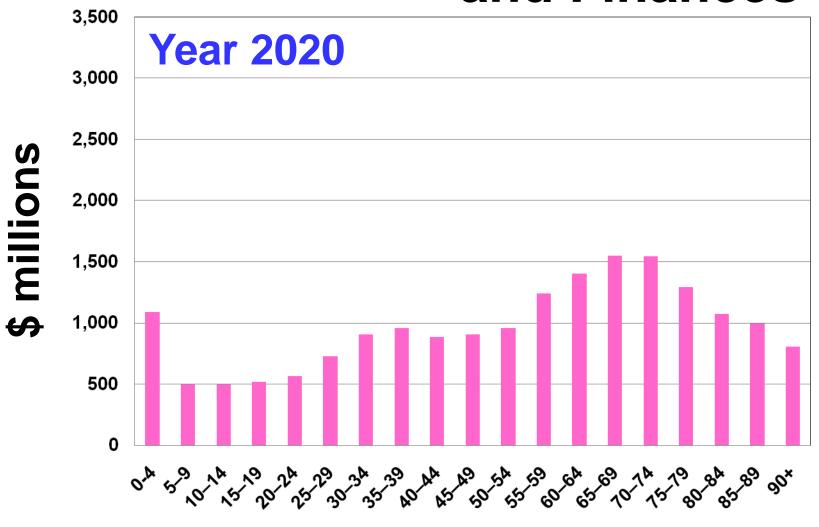
- Expert Panels
- Delphi surveys
- Scenario Creation
- Forums
- Gaming
- Plus others



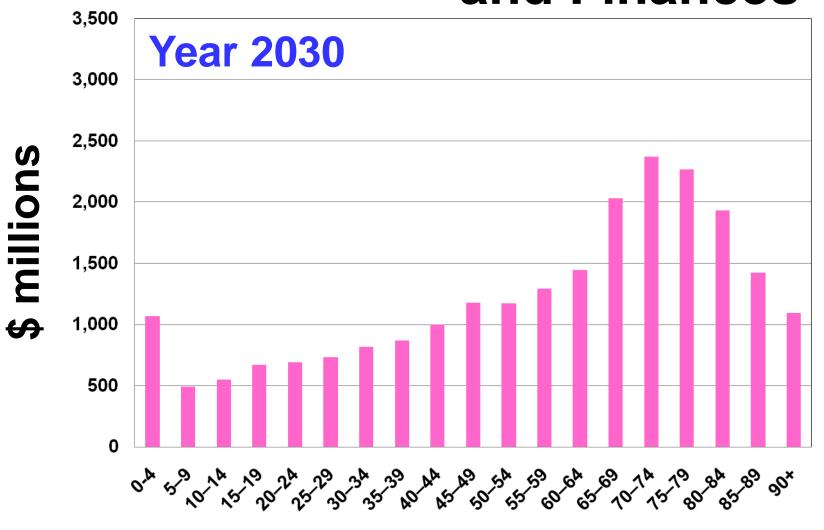




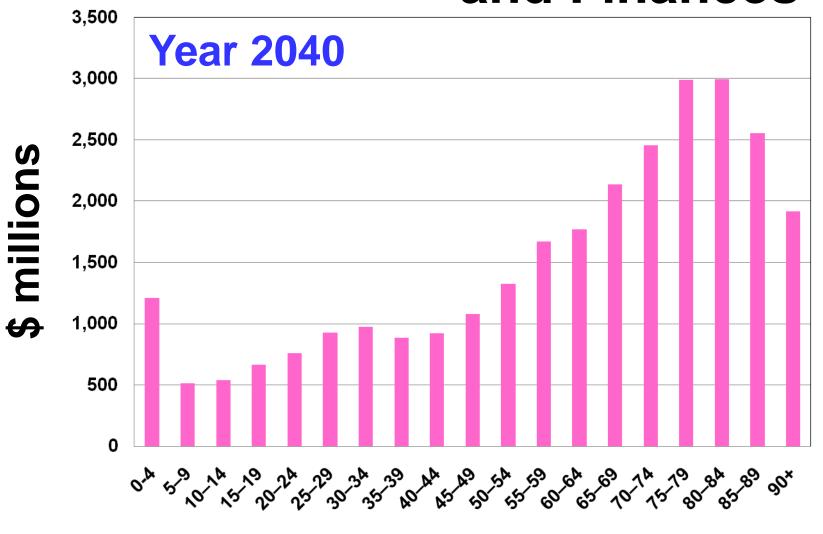
Year



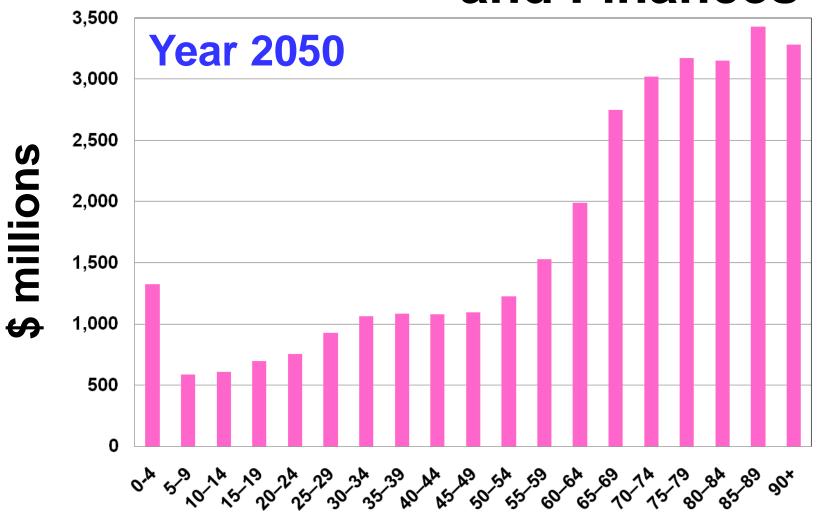
Year



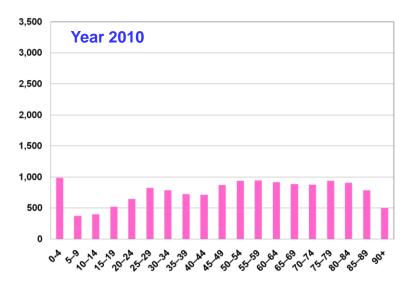
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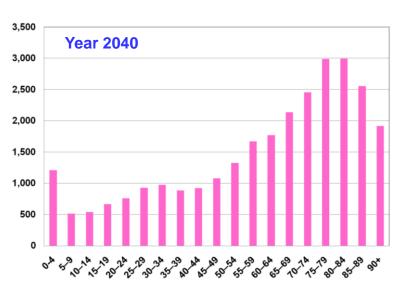


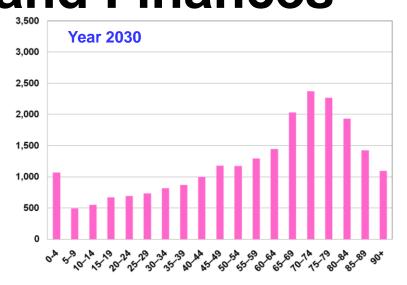
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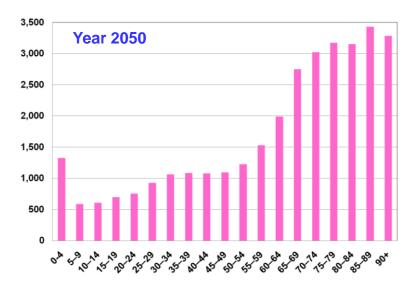


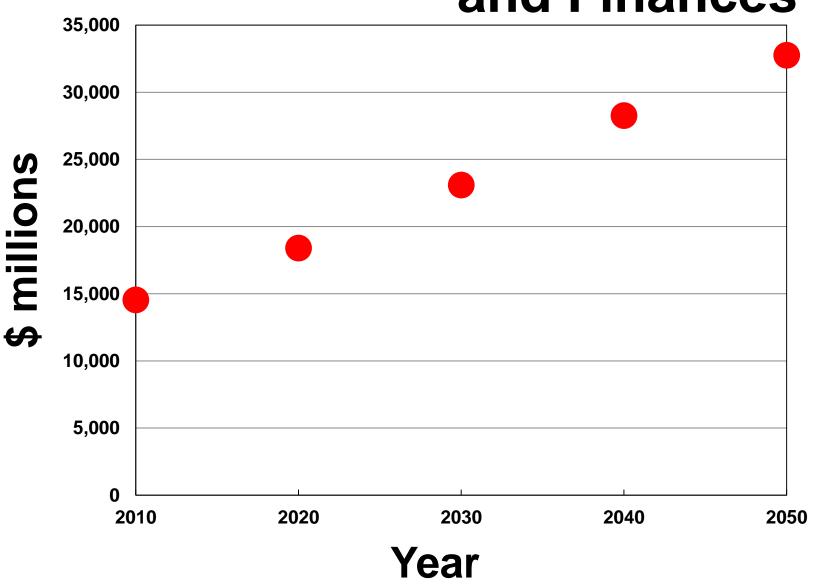
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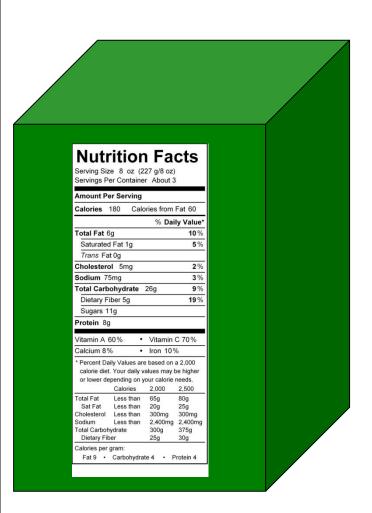








'Good Health Centres'

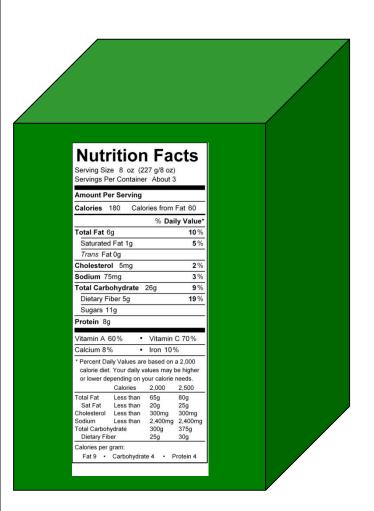


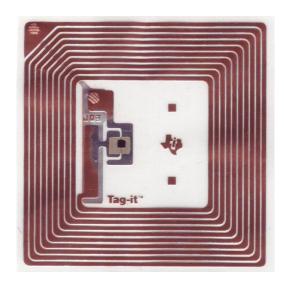


ART - DAN BERGER - CONCEPT - MIKE ADAMS

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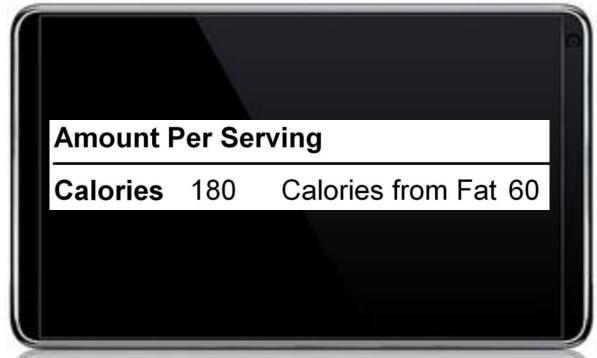




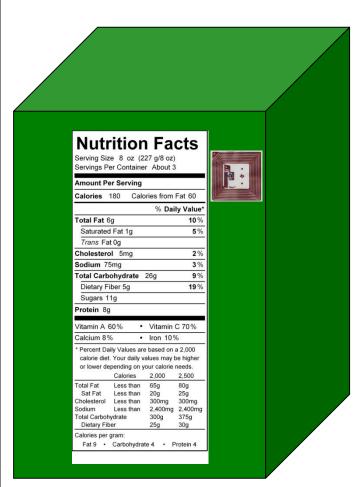
Radio Frequency Identification (RFDI)

Smart Labelling



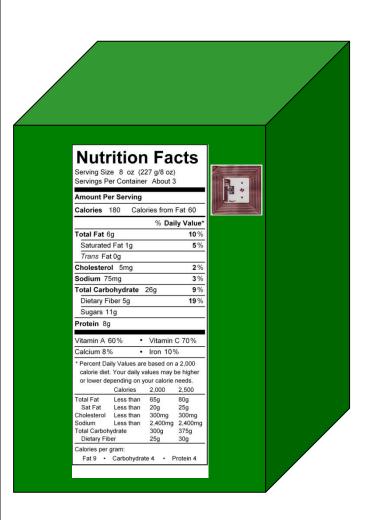


Smart Labelling





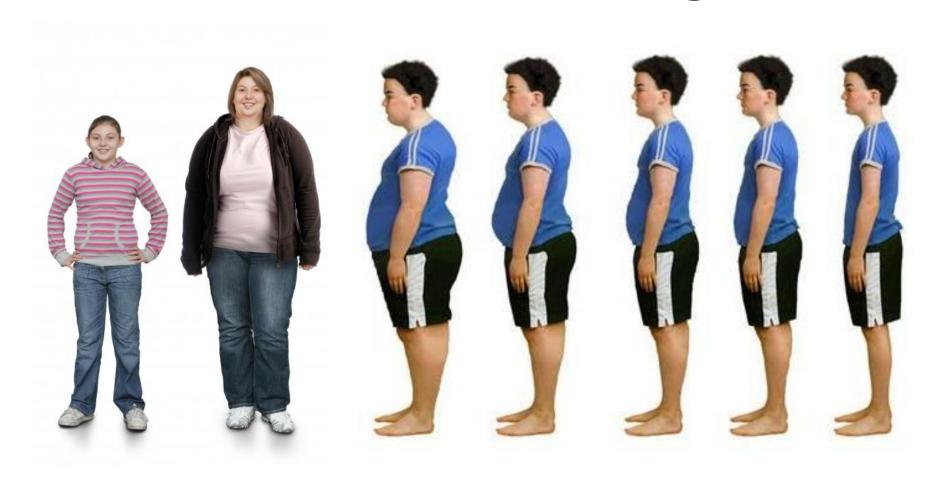
Smart Labelling and Information





Regulations (Example: Salt)

Game Changer #3: Experiential Learning



Individualized projections

Game Changer #3: Experiential Learning



Virtual Reality





Lab on a chip







Treatment

Minimum Change disease



Anonymous specific comparisons



Conclusions

 Foresight provides major insights into future possibilities, thereby providing a sound basis for taking action now.

- Some Game Changers:
 - Implications of demographics
 - Community action, e.g. centres, labelling, regulations
 - Experiential learning to affect behaviour
 - Expert systems