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## Sustainable Pathways II

Integrating state-of-the-art research with policy to  
enable better decisions in Spatial Planning

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NAGIP

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## Sustainable Pathways II

- MSI funded \$3.6 million research programme
- From Oct 2009 to Sep 2015
- Action research
- Three parallel research streams
  1. Mediated Modelling
  2. Spatial Dynamic Modelling
  3. Developing and Integrating Dynamic and Spatial Modelling tools into Urban Planning Practice

## Mediated Modelling in Wellington

- Three full day workshops
- 9-15 Participants
- System dynamics model developed WITH stakeholders
- Two scenarios:
  1. What if population changes by 10% (up or down) by 2020 then what happens to “inequality”?
  2. What if the relative income per person in Wellington region changes by 10% (up or down)? How does this impact on the relative attractiveness of the WR?
- Pre- and post surveys and reports.

## Policy / science interface; how to engage on bringing 3 components together?

- **Integrated Assessments:** Integration across topics, geographic, temporal and social scales. Dealing with complexity in uncertain settings.
- **Action Research:** “Action research is not merely research which it is hoped will be followed by action! It is action which is intentionally researched and modified, leading to the next stage of action which is then again intentionally examined for further change and so on as part of the research itself.”  
*Wadsworth (1997)*
- **Adaptive Management:** Management through iterative cycles including vision, assessment, planning, implementation and monitoring.

## NAGIP – Terms of Reference

Among the specific purposes of the Advisory Group are:

- **Provide context:** help to ensure research questions, objectives and approaches are grounded in reality and facilitate appropriate linkages with stakeholders.
- **Ensure relevance:** providing feedback to researchers on tool development and applicability of methods to ensure that the tools meet the end-user's needs and are understood and useful to end users.

## Request for volunteers from NAGIP

- It is envisioned that a reflective process on how to support adaptive management with integrated assessments developed through action research emerges and can be documented over the course of the SP2 research programme.
- Feedback will support the next phase in Wellington and Auckland and aid to transfer benefits (i.e. Lessons learned) for future or similar interventions.
- Who is willing to provide feedback on the pre- and post report for the first phase of the Mediated Modelling in Wellington to provide context and provide relevance (see terms of reference) at SP2 project level?
- THANK YOU!