

# FRST-Funded Energy Research Projects



# Overall Linked Project (lead by NIWA)

## Resource maps and related constraints:

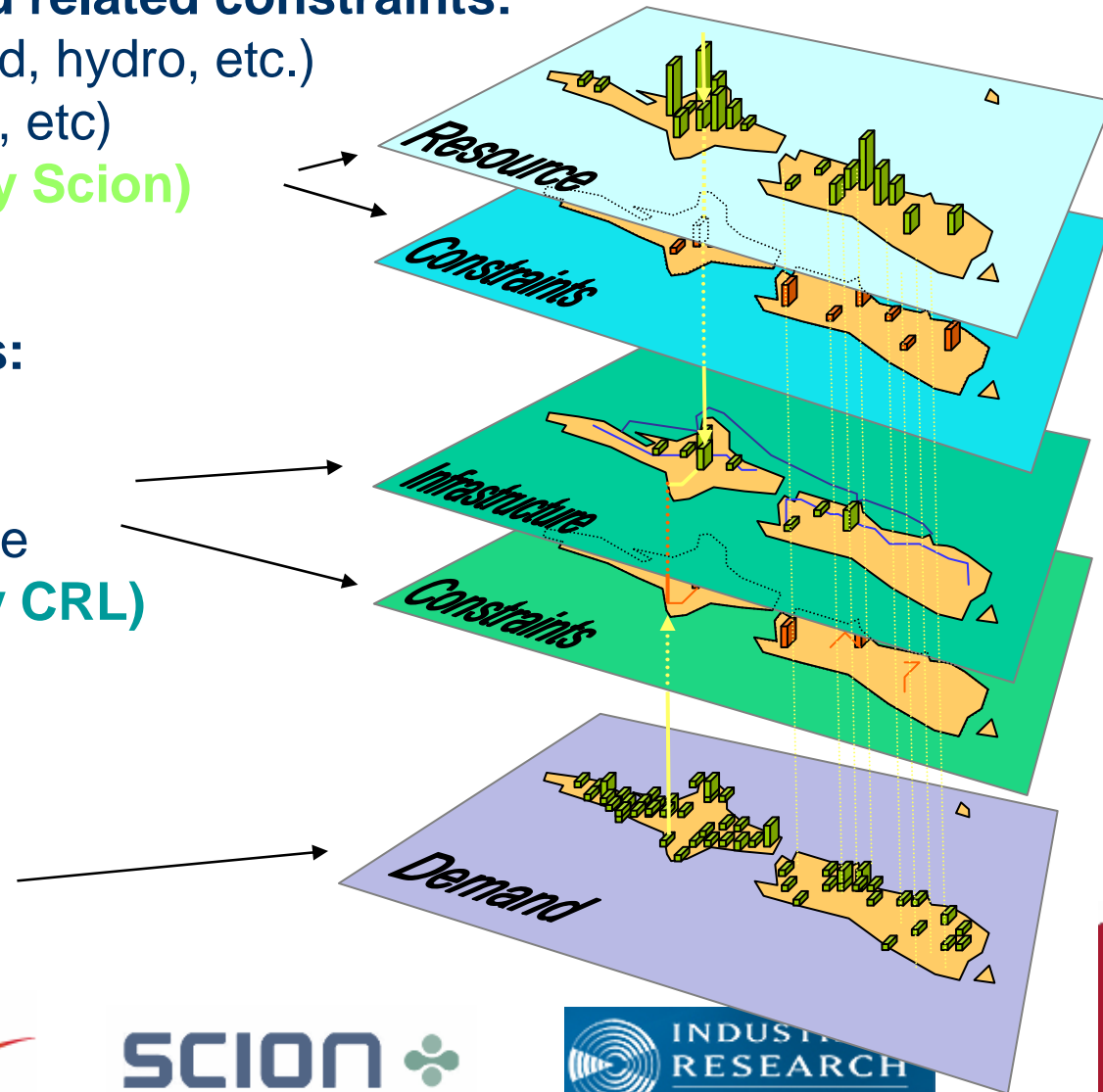
- Climate-driven (wind, hydro, etc.)
- Earth (coal, oil, gas, etc)
- **Bioenergy (lead by Scion)**
- Constraints

## Infrastructure maps:

- Current
- Opportunistic
- Imported energy use
- **Hydrogen (lead by CRL)**
- Constraints

## Demand maps:

- Current
- Forecast



# Project Components

## 1. Multiple spatial maps

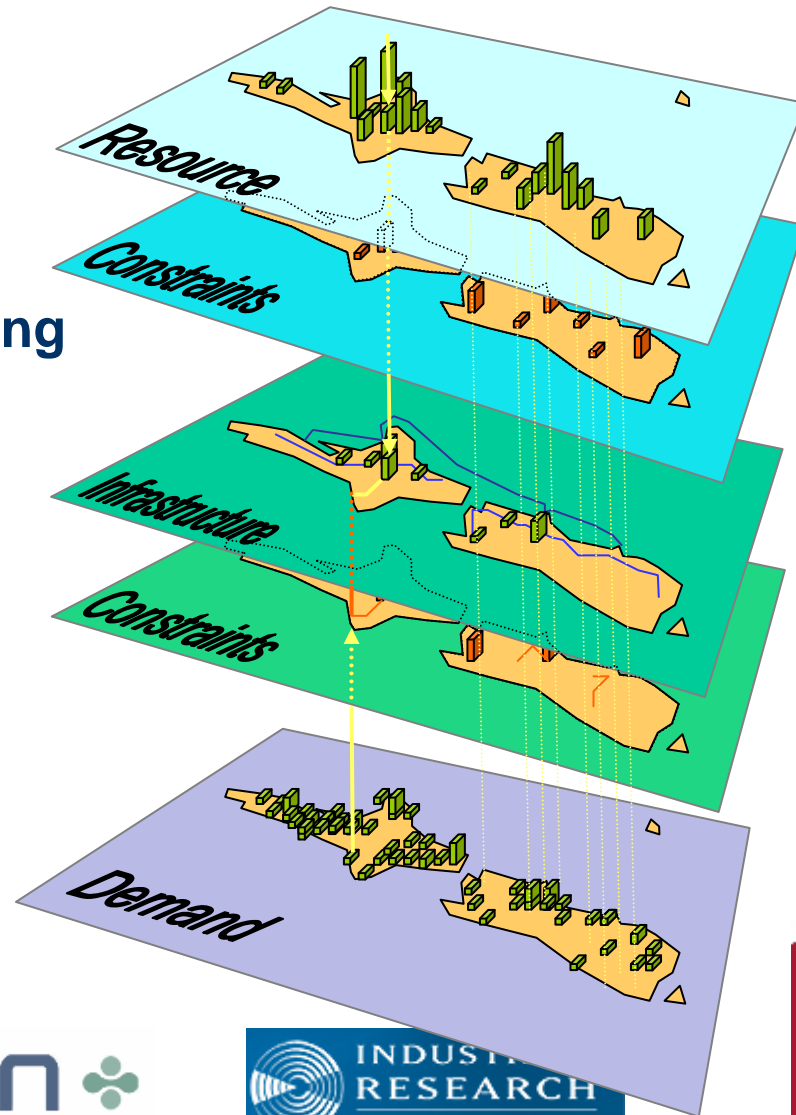
- Resource and constraints à gaps
- Infrastructure and constraints
- Demand

## 2. Single energy pathway modelling




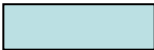


- Energy
- Economic
- Emissions
- à gaps in infrastructure

## 3. “LEAP-EERA” multi-pathway economic modelling

- à integrated system make up
- à further gaps



# Timing of Events

Provision of Situation Analysis		Aug '07
<ul style="list-style-type: none"><li>• Resources and issues maps.</li><li>• Infrastructure and issues maps</li><li>• First pathway assessments</li></ul>		
Selection of Favoured Pathways		Dec '07
Theme/Scenario Development		Dec '07
Theme/Scenario Modelling		April '08
Gap Analysis and Research Planning		Jun '08
Final Report		Jul '08




# Suggested Engagement

## Stakeholders

## CRI Research Alliance

**“Advisory/Governance Panel”** <sup>Overarching</sup>  


**Executive Managers, Project Managers in attendance**

**Govt. Engagement Group**  
(How and names?)  
Policy focus.  
  
à Aims of Govt.  
β Consequences

**Project Managers**

**Topic Experts**  
Detailed level  


**Topic Experts**

**Stakeholder (Workshop)** Integrated Feedback  
(extension to industry and users)  


**Project Managers**

