

# IMPACT



**CAA Inc**





# Strengthening the Climate Change rationale

Using science to make your case

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**CAA Inc**



# 1) Connecting Theory to Change to scientific evidence

- Theory of Change (or logic framework) should be underpinned by evidence
- Assumptions are implicit in any ToC
- A good ToC will highlight these assumptions
  - By identifying the key assumptions in your proposal you will see where the evidence is needed
- Scientific evidence base needs to be strengthened, but we can make better use of what we have



## 2) Using scientific evidence



- Use robust, reliable and up-to-date sources of information (and cross-check)
  - Be careful with isolated sources and avoid ‘leaps of faith’ (consult national and regional experts e.g. SPC, USP, SPREP)
- Combine types and sources of information
  - Climate data including observations and projections
  - Past projects, scientific literature, reviews
  - Traditional knowledge
  - Vulnerability assessments
- Uncertainty is inherent – accept it, identify it, manage it

### 3) Things to check....



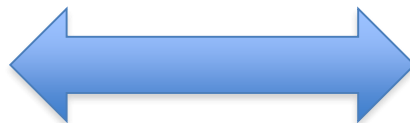
- Are you creating a clear, science-based narrative?
  - Is the climate change the starting point in terms of evidence?
  - Evidence of climate related impact
  - Consider timescales when making your case
- Align to evidence in policies and plans (especially NAPs/JNAPs)
  - This shows a coherence from policy to project
- Some decisions need more or less scientific information



# A brief introduction to the IMPACT Project



- IMPACT Project is working in partnership with SPREP to:
  - Build capacities to **plan and implement science-based climate change adaptation and mitigation strategies** at national, regional and international levels are improved.
  - **Improve access to international climate finance** to implement climate strategies
  - Improve the **participation and influence** of SIDS and LDC negotiators at the international level (UNFCCC, Paris Agreement, GCF and associated fora) **leading to more ambitious goals and the recognition of the special circumstances** of SIDS and LDC.
- Funded by German Government
- Full time presence based in Samoa - please come and chat!



# How is IMPACT supporting the application of science?



- Practically: Developing scientific products which synthesis and translate information
  - Pacific Marine Climate Change Report Card
  - Briefings (e.g. Cyclones and climate change)
  - Climate change digest concept
  - Support in enhancing scientific inputs to proposals
- Strategically: Supporting SPREP with the development of Pacific Climate Change Centre (PCCC)
  - Developing better flow of knowledge from science to practice



# Useful sources of scientific information (not exhaustive!)



- Pacific Climate Change Portal (PCCP)  
<https://www.pacificclimatechange.net/>
- National Climate Change Portals
- Pacific-Australia Climate Change Science Adaptation Planning Project (PACCSAP)  
<https://www.pacificclimatechangescience.org/>
- Pac Met Desk and Partnership (PMDP) <https://www.pacificmet.net/>
- Inform Regional Data Portal (SPREP) <https://pacific-data.sprep.org/>
- National Data Portals e.g. [cookislands-data.sprep.org](https://cookislands-data.sprep.org/)
- IPCC Reports <http://www.ipcc.ch/>
- Climate Analytics <http://climateanalytics.org/>
- WeAdapt <https://www.weadapt.org/>



# Theory of Change resource

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- Simple explanation of the key principles, with examples

<https://ukcip.ouce.ox.ac.uk/wp-content/PDFs/MandE-Guidance-Note3.pdf>

Guidance for MSE of climate change interventions

Dennis Bours  
Colleen McGinn  
& Patrick Pringle

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Guidance note 3:  
Theory of Change approach to climate  
change adaptation programming



# Thank you.

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<http://climateanalytics.org/projects/impact-climate-action.html>

<https://www.international-climate-initiative.com/>