



Horizon 2020 Societal challenge 5: Climate action, environment, resource efficiency and raw materials

TiPACCs

Tipping Points in Antarctic Climate Components

GA no 820575

Research and Innovation Action (RIA)

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Lead beneficiary:	UNN
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1. Changes with respect to the DoA

There are no changes with respect to the DOA.

2. Dissemination and uptake

This deliverable is public. The video will be posted on the TiPACCs YouTube channel, and promoted through our website and the social media platforms of all beneficiaries.

3. Short Summary of results (< 250 words)

This video serves as first video in a by TiPACCs established video series on Antarctic tipping points. The video aims to explain the relevance of studying Antarctic tipping points to a general public. It starts with showing a map of Antarctica and explaining that melting the Antarctic ice sheet causes sea level rise. Ice flow and ice shelves are introduced, after which ocean-ice interactions are explained. Tipping points are elucidated by an analogue of domino bricks, followed by an example of tipping in the Filchner-Ronne region. The video finishes with acknowledging the TiPACCs project, beneficiaries and funding agency.

This and the following TiPACCs videos are/will be produced by MAIA Films (<https://www.maiafilms.co.uk/>), a film production company who was awarded a contract after offering TiPACCs the most suitable and competitive tender.

4. Evidence of accomplishment

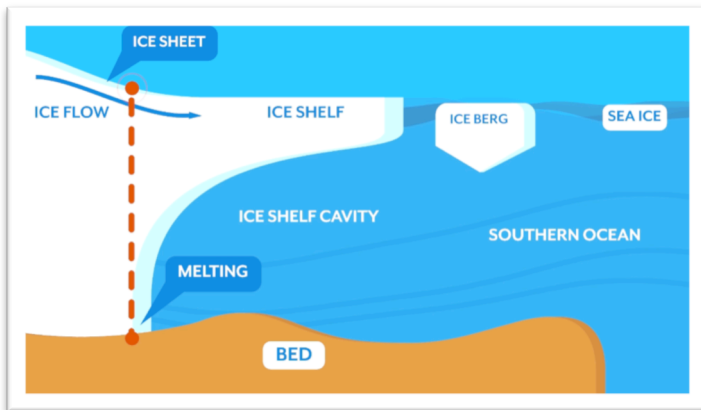
The video will be made available on YouTube. Specific frames of the video are shown below.



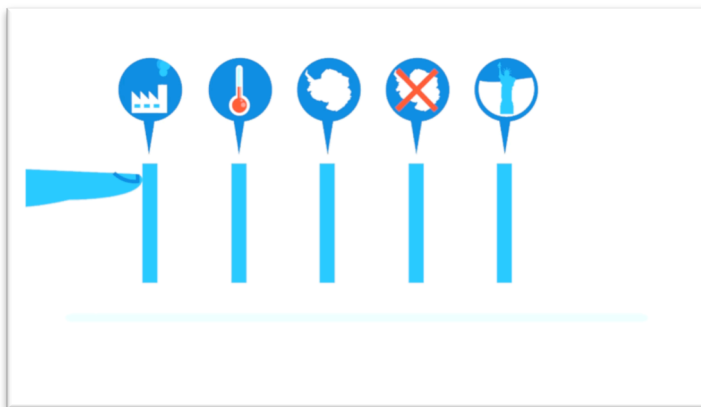
The video starts by showing the TiPACCs logo.



Map of Antarctic and Southern Ocean.



Explaining ocean-ice processes and interactions.



Dominoes analogue explaining tipping points.

 A slide with the following content:

- Logo for 'TiPACCs Tipping Points in Antarctic Climate Components'.
- Logos for NORCE, Northumbria University, AWI (Alfred Wegener Institut Helmholtz-Zentrum für Polar- und Weltraumforschung), and UGA (University of Graz).
- A blue box at the bottom with the text: 'THIS PROJECT HAS RECEIVED FUNDING FROM THE EUROPEAN UNION'S HORIZON 2020 RESEARCH AND INNOVATION PROGRAMME UNDER GRANT AGREEMENT NO. 820575'.

Acknowledgements of TiPACCs project, beneficiaries and funding agency.