



## Integrating entertainment and scientific rigor to facilitate a co-creation of knowledge

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The advancing research on the changing climate system and on its impacts has uncovered the magnitude of the expectable societal implications. It therefore created substantial awareness of the problem with stakeholders and the general public. But despite this awareness, unsustainable trends have continued untamed. For a transition towards a sustainable world it is, apparently, not enough to disseminate the "scientific truth" and wait for the people to "understand".

In order to remedy this problem it is rather necessary to develop new entertaining formats to communicate the complex topic in an integrated and comprehensive way. Beyond that, it could be helpful to acknowledge that science can only generate part of the knowledge that is necessary for the transformation. The nature of the problem and its deep societal implications call for a co-creation of knowledge by science and society in order to enable change.

In this spirit the RAMSES project (Reconciling Adaptation, Mitigation and Sustainable Development for Cities) follows a dialogic communication approach allowing for a co-formulation of research questions by stakeholders. A web-based audio-visual guidance application presents embedded scientific information in an entertaining and intuitive way on the basis of a "complexity on demand" approach. It aims at enabling decision making despite uncertainty and it entails a reframing of the project's research according to applied and local knowledge.