

PUTTING OPEN SCIENCE INTO ACTION

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INTRODUCTION

www.greco-project.eu

GRECO is an EU-funded project. It applies Open Science and other Responsible Research and Innovation (RRI) approaches to a photovoltaic engineering project. It acts as a showcase on how researchers can adapt such practices to develop more responsible and socially acceptable products. We aim to pave the way for other scientists who wish to embrace this style of managing science, exploring and providing tangible solutions to the real challenges of implementing these methodologies in a project. GRECO will issue a Guide for Reference in summer 2020 based on its experience.

GRECO RESEARCH & INNOVATION MANAGEMENT

RESEARCH



- Relevant Literature
- Policy Frame
- Innovation: Beyond state-of-the art

KNOWLEDGE COALITIONS



- Mobilization and Mutual Learning
- Open Innovation
- Citizen Science
- As Partners

RRI PRACTICES



- Ethics
- Gender Actions
- Governance

OPEN SCIENCE



- Open Peer-Review
- Open Access
- Open Data (disruptive metadata)
- Open Education
- Open Notebooks
- Open Proposal*
- Open Annotation
- Open Software

RESPONSIBLE INNOVATIVE RESEARCH PRODUCTS



In-situ repair methodology



Ageing model for photovoltaic modules



A more sustainable solution for irrigation



A novel system of modules



Cheaper and more efficient solar cells



Improved PV heat-pump systems

*<http://oa.upm.es/50489/>

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