# FACES OF INNOVATION

## WOMEN IN OPV

**DR. TAMARA NUNES DOMSCHKE**

*Head of Research & Development OPV film*
ASCA GmbH & Co. KG

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# MY RESEARCH FIELD

- Printed photovoltaics, esp. organic photovoltaics (OPV)
- Transfer of materials and processes from lab to production scale
- R2R manufacturing (slot-die coating, laser ablation, screen-printing, lamination)
- Cost-efficient, high-efficiency, high-stability semi-transparent modules

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# MY CURRENT POSITION

Tamara heads ASCA's OPV film R&D activities

Her work encompasses the evaluation of innovative materials and fabrication processes under industrial manufacturing constraints

She focuses on the transfer and implementation of laboratory innovations to R2R pilot and production scale

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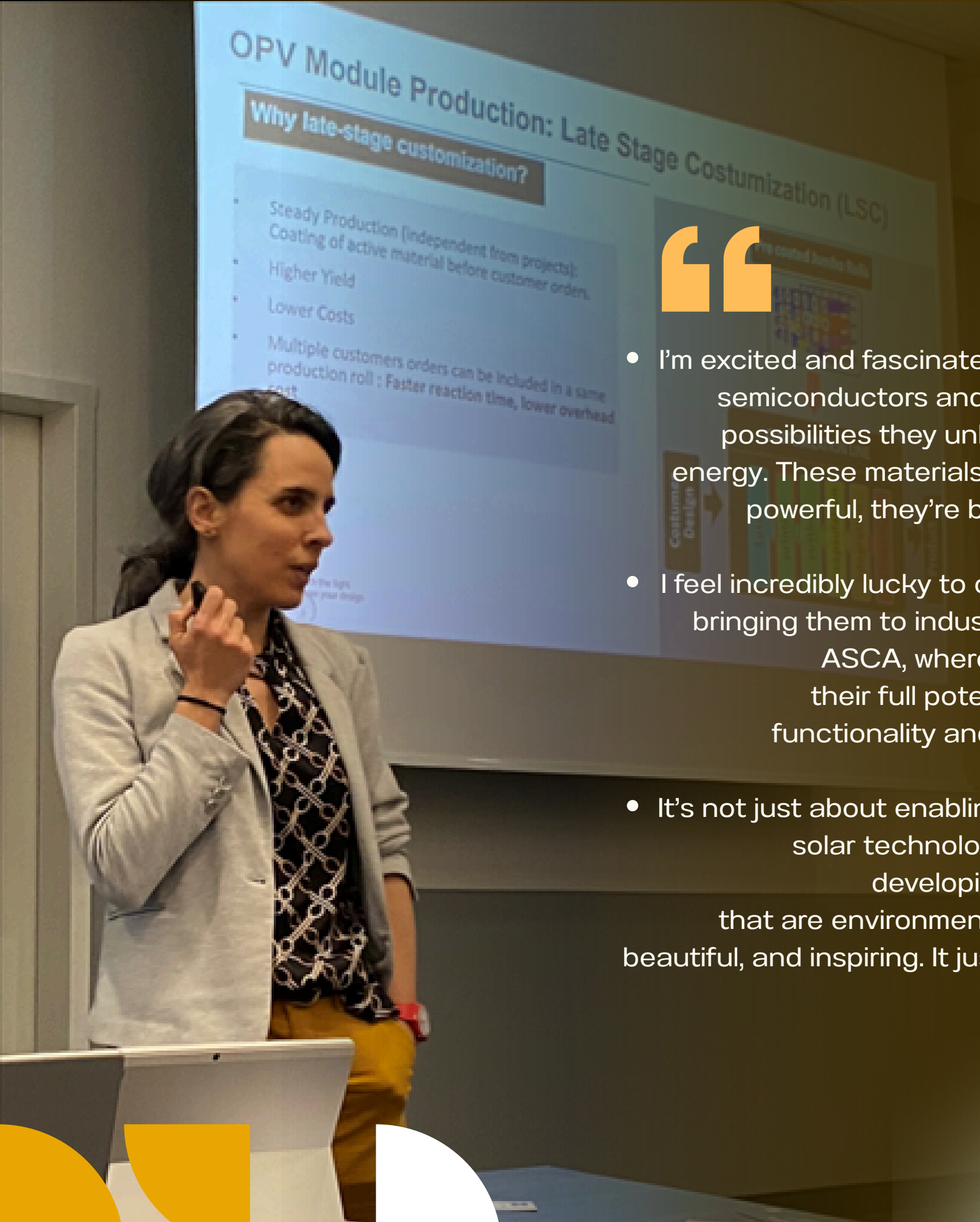
# MY ROLE IN BOOSTER

Deputy leader of WP4|Technology end-user representative

Advancement of OPV modules using innovative materials developed in the project and from external sources with a focus on performance and stability improvements as well as cost reduction

Upscaling of said modules from laboratory to R2R pilot manufacturing scale

Module manufacturing for the three project demonstrators at FAU, Eni and ASCA




- I'm excited and fascinated by organic semiconductors and the endless possibilities they unlock for solar energy. These materials are not only powerful, they're beautiful, too!

- I feel incredibly lucky to contribute to bringing them to industrial scale at ASCA, where we explore their full potential in both functionality and aesthetics.

- It's not just about enabling functional solar technology. It's about developing solutions that are environmentally friendly, beautiful, and inspiring. It just feels right.

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# DISCOVER THE BOOSTER PROJECT AND ITS TEAM

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