



An experimentally-validated multi-scale materials, process and device modelling & design platform enabling non-expert access to open innovation in the Organic and Large Area Electronics Industry (MUSICODE)

Grand Agreement: 953187

Project Start Date: 01/01/2021

Project Duration: 48 months

<p><b>Deliverable 6.11</b></p> <p><b>Templated Modelling User Case Workflows on wet phase processing</b></p>
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**Date: 30-12-2024**



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under the Call DT-NMBP-11-2020 "Open Innovation Platform for Materials Modelling"

Project co-funded by the European Commission within Horizon 2020 Research and Innovation Programme		
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**Deliverable author(s):** A. Kneer (TinniT)

**Contributors** (only the lead contacts during the preparation of this document are identified herein)

Name	Organization
Aron Kneer	TinniT
S. Kalourazi	KIT
E. Lidorikis	Uoi

**Draft Revisions:** v1.0 submitted on 3/11/2024  
v2.0 finalized on 29/12/2024

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Consisting of Coordinator: Partners:	University of Ioannina (Uoi)	Greece
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	Aristotle University of Thessaloniki (AUTH)	Greece
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AIXTRON (AIXTRON)	Germany	

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## Publishable summary

This deliverable describes the development of streamlined workflow templates that allow a systematic study of wet phase processing (as e.g. in roll-to-roll printing) of organic materials. This study bridges multiple distinct domains, starting from the macroscale where computational fluid dynamics simulate the slot-die printing and the subsequent drying of the thin films (solvent+organic molecules) in the production pilot-line of one of the partners. After that, mesoscopic and atomistic simulations can take over to simulate the microstructure formation and electronic properties of the formed materials.