# Industrial roll-to-roll printing of non-fullerene acceptor (NFA)-based organic photovoltaics (OPV)

**Publieke samenvatting / Public summary**

**Doelstelling**

This project brings together five world-leading partners (three from academia and two from industry) from the OPV community with the objective to demonstrate printed, large-scale, NFA-based OPV modules fabricated out of benign solvents with efficiencies well beyond the current state of the art. The consortium has the complementary expertise necessary for this project, including device design, photophysics, morphology charaterisations, device physics, and large-scale printing. The availabilty of this broad range of expertises will allow us to achieve the challenging objectives using both the fundamental mechanistic understanding and careful engineering of the fabrication processes.

**Projectinformatie / Project information**

**Projectnummer / Project number**
SOL18005
**Subsidiebedrag / Grant amount**
€ 410.586,00

**Algemene informatie / General information**

**Penvoerder / Secretariat**
Rijksuniversiteit Groningen

**Publicaties en materialen / Publications and attachments**

- **05.03.2024**

  **Eindrapport SOL18005**

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