



This is not  
a lens.

But it works better than one.

Nature has a way of creating the unimaginable.

Therefore, why not seek inspiration from it? The water droplets visible on grass leaves during cool summer mornings create natural shapes comparable to lenses.

The **PARYLENS** project will use naturally forming liquid shapes in order to design perfect lenses, using a novel technology that enables the trapping of liquid under a solid film of polymer, without any deformation. **PARYLENS** intends to conserve such precise liquid-driven shapes in order to bring them to applications.

By engineering those perfect lenses, it is our hope that it will be possible to open new possibilities in ophthalmology, as well as in the everyday life application of lenses.

**Project Coordinator:**

HES-SO (Haute Ecole Spécialisée de la Suisse Occidentale, CH)

**Project Partners:**

CNR-ISMAR (Consiglio Nazionale delle Ricerche, IT)

IMEC (Interuniversitair Micro-Electronica Centrum vzw, BE)

CIDETEC (Centre for Electrochemical Technologies, ES)

Bar-Ilan University (IL)

COMELEC SA (CH)

Gdansk University of Technology (PL)

VARIOPTIC SA (FR)

Fraunhofer Research Institution for Polymeric Materials and Composites PYCO (DE)

CEDRAT TECHNOLOGIES SA (FR)

AJL Ophthalmic S.A. (ES)

SCIPROM Sàrl (CH)



**PARYLENS** is funded under the European Commission Seventh Framework Programme.

[www.parylens.eu](http://www.parylens.eu)  
[info@parylens.eu](mailto:info@parylens.eu)

