



European Research Council
Established by the European Commission

Automatized Design of Injection Molds

Fact Sheet

Project Information

AUTOMOLD

Grant agreement ID: 841775

DOI

[10.3030/841775](https://doi.org/10.3030/841775) 

Project closed

EC signature date

1 March 2019

Start date

1 June 2019

End date

30 November 2020

Funded under

EXCELLENT SCIENCE - European Research Council (ERC)

Total cost

€ 149 829,00

EU contribution

€ 149 829,00

Coordinated by

INSTITUTE OF SCIENCE AND
TECHNOLOGY AUSTRIA



Austria

Project description

Fast and easy automatised mould designs

The EU-funded AUTOMOLD project is intended to conduct a feasibility study on a novel injection-moulding design workflow, making mould design accessible to a new, semi-professional user base of designers, engineers and artists. It will provide a more cost-efficient way of bringing lower-volume and customised products to the market. The method will drastically reduce the time requirements of mould design and discover highly efficient shape decompositions with curved part boundaries. It will also enable refining the aesthetics of the decomposition without being aware of the specifics of moulding.

Fields of science (EuroSciVoc)

[engineering and technology](#) > [mechanical engineering](#) > [manufacturing engineering](#)

[engineering and technology](#) > [materials engineering](#)



Programme(s)

[H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council \(ERC\)](#)

MAIN PROGRAMME

Topic(s)

[ERC-2018-PoC - ERC Proof of Concept Grant](#)

Call for proposal

[ERC-2018-PoC](#) 

[See other projects for this call](#)

Funding Scheme

[ERC-POC - Proof of Concept Grant](#)

Host institution



INSTITUTE OF SCIENCE AND TECHNOLOGY AUSTRIA

Net EU contribution

€ 149 829,00

Total cost

€ 149 829,00

Address

Am Campus 1

3400 Klosterneuburg

 **Austria** 

Region

Ostösterreich > Niederösterreich > Wiener Umland/Nordteil

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Beneficiaries (1)



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Last update: 26 August 2022

Permalink: <https://cordis.europa.eu/project/id/841775>

