DISTRO

**Project ID:** 642841
**Funded under:** H2020-EU.1.3.1. - Fostering new skills by means of excellent initial training of researchers

**Distributed 3D Object Design**

**From** 2015-01-01 **to** 2018-12-31, closed project | [DISTRO Website](#)

# Project details

<table>
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<tr>
<th><strong>Total cost:</strong></th>
<th><strong>Topic(s):</strong></th>
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<tr>
<td>EUR 3 050 022,40</td>
<td>MSCA-ITN-2014-ETN - Marie Skłodowska-Curie Innovative Training Networks (ITN-ETN)</td>
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<th><strong>EU contribution:</strong></th>
<th><strong>Call for proposal:</strong></th>
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<td>EUR 3 050 022,40</td>
<td>H2020-MSCA-ITN-2014</td>
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<th><strong>Coordinated in:</strong></th>
<th><strong>Funding scheme:</strong></th>
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<tr>
<td>United Kingdom</td>
<td>MSCA-ITN-ETN - European Training Networks</td>
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# Objective

"The DISTRO network brings together leading laboratories in Visual Computing and 3D Computer Graphics research across Europe with the aim of training a new generation of scientists, technologists, and entrepreneurs that will move Europe into a leading role in the scientific and technological innovation in the area of casual, distributed 3d object design and customization.

Whilst digital content has certainly grown, the world’s economy is still dominated by manufacturing. A new class of "rapid prototyping" technologies, from 3D printers to laser cutters, are making the process of manufacturing physical objects look increasingly like that of creating digital content. Just as the Web democratised digital innovation, the next ten years will see the application of these lessons to the real world. This new industrial revolution can only occur if it is as simple for real world objects to be captured, and modified as it is for music, text, and images. This is not yet the case, with most professional design software requiring a significant amount of time and investment to master. There is a real need for tools that are focused on making it simple for amateurs to create new products without experience or training – expediting the path from idea to entrepreneurship. Our network proposes a timely and innovative research training programme for the distributed capture, editing, and fabrication of objects - from the real world to digital and back again. We want to enable users to casually capture objects, which can then be easily shared on the Web and customised in simple yet powerful ways.

The research training programme will be conducted by our network, consisting of a mix of academic and private partners. Through collaborative research, secondments, and training events, we will educate a new generation of researchers that are able to solve complex research challenges but at the same time acquire transferrable skills."

# Related information

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<th><strong>Report Summaries</strong></th>
<th><strong>Periodic Reporting for period 2 - DISTRO (Distributed 3D Object Design)</strong></th>
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Coordinator

UNIVERSITY COLLEGE LONDON
GOWER STREET
WC1E 6BT LONDON
United Kingdom

EU contribution: EUR 728,767,68

Activity type: Higher or Secondary Education Establishments
Contact the organisation

Participants

DEUTSCHES FORSCHUNGSZENTRUM FUR KUNSTLICHE INTELLIGENZ GMBH
TRIPPSTADTER STRASSE 122
67663 KAISERSLAUTERN
Germany

EU contribution: EUR 290,752,56

Activity type: Research Organisations
Contact the organisation

UNIVERZITA KARLOVA
OVOCNY TRH 560/5
116 36 PRAHA 1
Czechia

EU contribution: EUR 561,752,22

Activity type: Higher or Secondary Education Establishments
Contact the organisation

MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN EV
HOFGARTENSTRASSE 8
80539 MUENCHEN
Germany

EU contribution: EUR 276,907,20

Activity type: Research Organisations
Contact the organisation

STUDIO GOBO LIMITED
FONTHILL ROAD UNIT 8 HOVE BUSINESS CENTRE
BN3 6HA HOVE
United Kingdom

Participation ended
EU contribution: EUR 0

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation
UNIVERSITAT DES SAARLANDES
CAMPUS
66123 SAARBRUCKEN
Germany
See on map

**Activity type:** Higher or Secondary Education Establishments

Contact the organisation

INSTITUTE OF SCIENCE AND TECHNOLOGY AUSTRIA
Am Campus 1
3400 KLOSTERNEUBURG
Austria
See on map

**Activity type:** Higher or Secondary Education Establishments

Contact the organisation

EDINBURGH NAPIER UNIVERSITY
COLINTON ROAD 219
EH14 1DJ EDINBURGH
United Kingdom
See on map

**Activity type:** Higher or Secondary Education Establishments

Contact the organisation

MILLFORM AG
RINGSTRASSE 110
4106 THERWIL
Switzerland
See on map

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation

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