Investigation of novel vertical take-off and landing (VTOL) aircraft concept, designed for operations in urban areas

Fact Sheet

Project Information

ANULOID
Grant agreement ID: 334861

Funded under
FP7-TRANSPORT

Project website

Status
Closed project

Overall budget
€ 763 653,10

EU contribution
€ 577 924

Start date
1 April 2013

End date
31 March 2015

Coordinated by
POLITECNICO DI TORINO
Italy

Objective

Principal objective of proposed project is computational and experimental investigation of novel concept of VTOL aircraft with nickname „Anuloid“ regarding its flight properties and flying qualities, and compare „Anuloid“ to helicopters, tilt rotor aircraft, or other VTOL aircraft concepts, in relation to potential utilization for transport missions in urban areas.

Field of science

/engineering and technology/mechanical engineering/vehicle engineering/aerospace engineering/aircraft/rotorcraft
/social sciences/social and economic geography/transport
/engineering and technology/mechanical engineering/vehicle engineering/aerospace engineering/aircraft
Programme(s)

Topic(s)

Call for proposal
FP7-AAT-2012-RTD-L0

Funding Scheme
CP-FP - Small or medium-scale focused research project

Coordinator

**POLITECNICO DI TORINO**

Address
Corso Duca Degli Abruzzi 24
10129 Torino
Italy

Activity type
Higher or Secondary Education Establishments

EU contribution
€ 193 361

Contact the organisation

Administrative Contact
Marica Pertile (Dr.)

Participants (4)

**UNIVERSITE PARIS NANTERRE**

France

EU contribution
€ 96 660

Address
200 Avenue De La Republique
92001 Nanterre Cedex

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Olivier Polit (Prof.)

**TECHNISCHE UNIVERSITEIT DELFT**

Netherlands
<table>
<thead>
<tr>
<th>Organisation</th>
<th>Country</th>
<th>EU contribution</th>
<th>Address</th>
<th>Activity type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>€ 79 278</td>
<td>Stevinweg 1 2628 CN Delft</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Website [link]</td>
<td>Contact the organisation [link]</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Administrative Contact</td>
<td>Martin Hoekstra</td>
</tr>
<tr>
<td>VYZKUMNY A ZKUSEBNI LETECKY USTAV AS</td>
<td>Czechia</td>
<td>€ 147 565</td>
<td>Letnany Beranovych 130 19000 Praha 18</td>
<td>Research Organisations</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Website [link]</td>
<td>Contact the organisation [link]</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Administrative Contact</td>
<td>Pavlína Lobpreisová (Mrs.)</td>
</tr>
<tr>
<td>FESA SRO</td>
<td>Czechia</td>
<td>€ 61 060</td>
<td>Belohorska 260 39 169 00 Praha</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Contact the organisation [link]</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Administrative Contact</td>
<td>Zdenek Janda (Mr.)</td>
</tr>
</tbody>
</table>

Last update: 25 July 2016
Record number: 108882