EIT Climate-KIC: join the climate innovation movement

Marco van der Ree
Director Business Development and Fundraising | New York | 5 June 2018
Climate challenge: Europe is not on track

Europe’s climate innovation challenge

-20% Projection existing policies

-40% Country pledges for 2030 under Paris Agreement

-95% by 2050 TARGET

1. European target consistent with 1.5°C Paris Agreement goal

6x Faster than the global average

6–8% Reduction in carbon intensity every year to 2050 and beyond

mt CO₂ equivalent

2010 2020 2030 2040
Systemic innovation

innovation areas

Urban Transitions

Sustainable Land Use

Sustainable Production Systems

Decision Metrics and Finance
Building a movement of climate action

- 300+ leading partners
- >€550m investment attracted to start-ups
- >2,000 full-time jobs created
- 17,000 participants in our education activities
- 1000+ innovative start-ups
- €2.5bn climate funding leveraged
- 367 new products and services
End-to-end innovation

**IDEATION**
Successful innovation starts with a good idea

Relevant activities:
- Climathon, Climate Launchpad
- Pathfinder (for partners)
- Greenhouse (for students)

**ACCELERATION & DEMONSTRATION**
Defining and developing a climate product or service

Relevant activities:
- Accelerator, Partner Accelerator
- Demonstrator (for partners)

**SCALING**
Widely adopted climate innovation

Relevant activities:
- Scaler (for partners)

**IMPACT**
Knowledge and insights captured to reinforce learning

**EDUCATION & PROFESSIONAL DEVELOPMENT**
Learning for innovation and innovation for learning
Capacity-building programmes for students and professionals

Relevant activities:
- Journey, Master Label
- Pioneers, Certified Professionals
## Start-up highlights

**CityTree**
- Helped revolutionise air pollution and carbon sequestration in 30 locations.
- €1 million turnover.

**WINnERS**
- Helping farmers in Tanzania to strengthen climate resilience.
- 30,000 farmers.

### Top six earners by investment raised

<table>
<thead>
<tr>
<th>Company</th>
<th>Investment (€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lilium Aviation</td>
<td>€87M</td>
</tr>
<tr>
<td>Thermondo</td>
<td>€63.3M</td>
</tr>
<tr>
<td>Tado</td>
<td>€49.8M</td>
</tr>
<tr>
<td>Volocopter</td>
<td>€31.2M</td>
</tr>
<tr>
<td>Ynsect</td>
<td>€21M</td>
</tr>
<tr>
<td>unu</td>
<td>€9.1M</td>
</tr>
</tbody>
</table>
Recommendations for action

- **Innovate and scale**
  - Innovate, co-create, and scale
  - Climathon: [climathon.climate-kic.org](http://climathon.climate-kic.org) bringing together citizens and the ecosystem in a city
  - ClimateLaunchpad: [climatelaunchpad.org](http://climatelaunchpad.org) 45 countries climate innovation bootcamp and competition, connecting young talent and markets

- **Systems Innovation**
  - Whole system approaches – building packages of solutions
  - Address blockages to change through innovation

- **Unlocking finance through policy shifts and collaboration with financial institutions**
  - Balance public/private funding to de-risk and incentivise
  - Open up the conversation: Climate Innovation Summit, 6-8 November in Dublin – sustainable finance and climate innovation