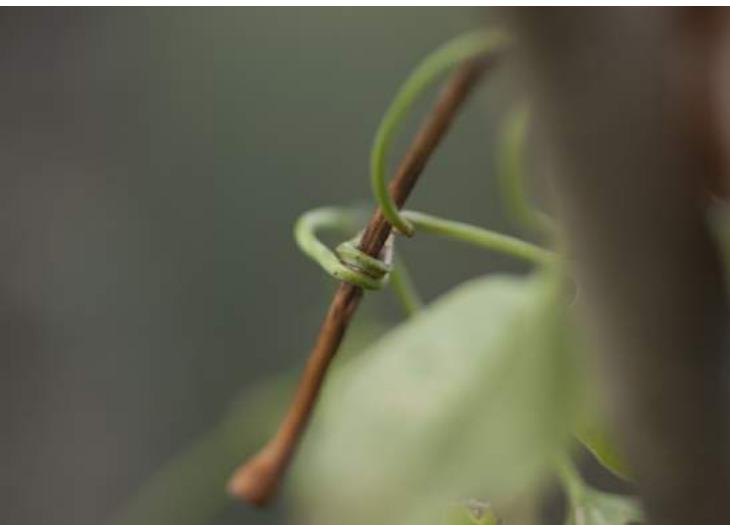


**A** disruptive new paradigm of movement in robotics inspired by the **moving-by-growing** abilities of climbing plants.



**L**ow-mass and low-volume robots capable of **anchoring** themselves, **negotiating voids**, and **climbing**.



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Towards a new generation  
of plant-inspired growing  
artefacts

GROW  
BOT

H2020-FETPROACT-01-2018  
FET Proactive: emerging paradigms  
and communities  
Living Technologies  
Research and Innovation Action  
Grant agreement n. 824074



## Philosophy

**A** strongly interdisciplinary character for a new technological paradigm around the concept of growing robots.

## Details

Starting date	1 <sup>st</sup> January, 2019
Project duration	48 months
Coordinator	Barbara Mazzolai
Project officer	Jose Fernandez-Villacanas
Project Manager	Francesca Tramacere
Evaluation score	15/15
Cost	€ 6,997,482.50
EU contribution	€ 6,997,482.50

## Grants and Exhibition

**T**wo calls for ideas during four-year project for young researchers to foster new and creative research thinking.

**A** traveling exhibition around Europe

## Coordinator

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## Principal Investigators

Andreas Lendlein	Helmholtz-Zentrum Geesthacht
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Stefano Linari	Linari Engineering
Nicholas Rowe	Centre National de la Recherche Scientifique
Pablo Vidarte	Arkine Technologies (Bioo)

## Advisory Board

George Jeronimidis	University of Reading
Antonio De Simone	Scuola Superiore di Studi Universitari e di Perfezionamento Sant'Anna
Sandro De Poli	Avio Aero GE

## Our prototypes

**T**he first tendril-like soft robot able to climb



**A**  
new generation  
of climbing robots!

