

R&D activities PRESLHY 2nd Plenary Meeting

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Paris Saclay • 16/10/2018

B. FUSTER • R&D

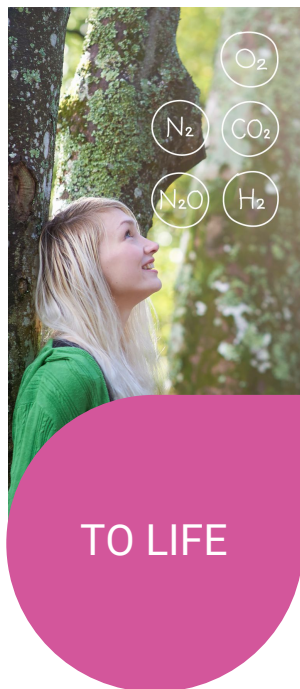
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01

Science and innovation,
horsepower for the
Group

Essential Small Molecules...

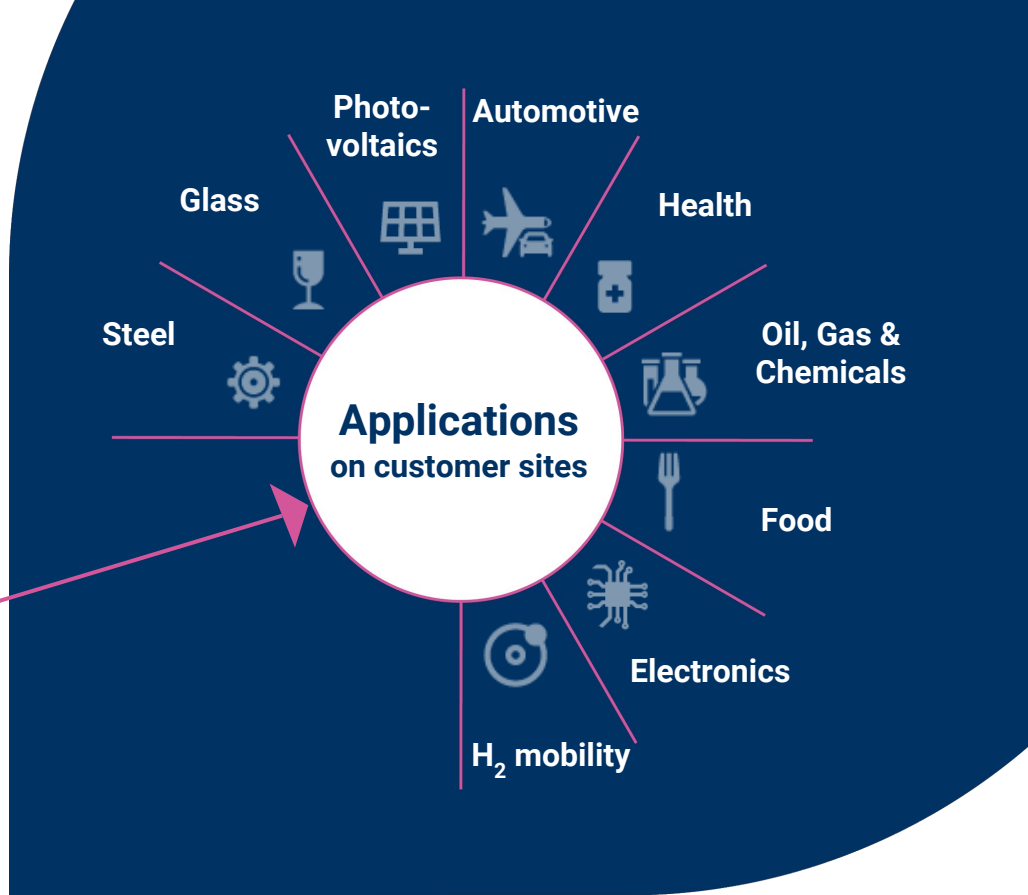
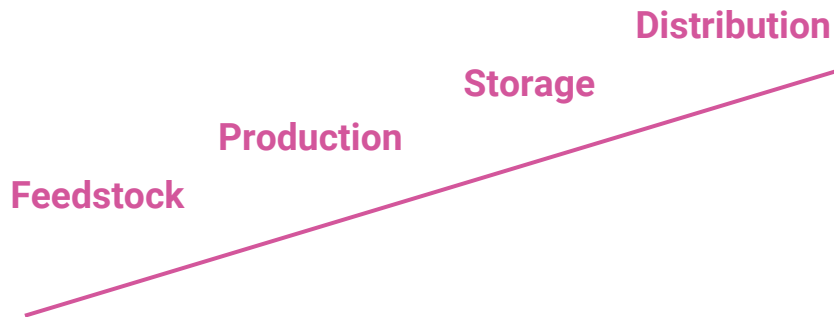


... our scientific
territory

Our playground

From production to application

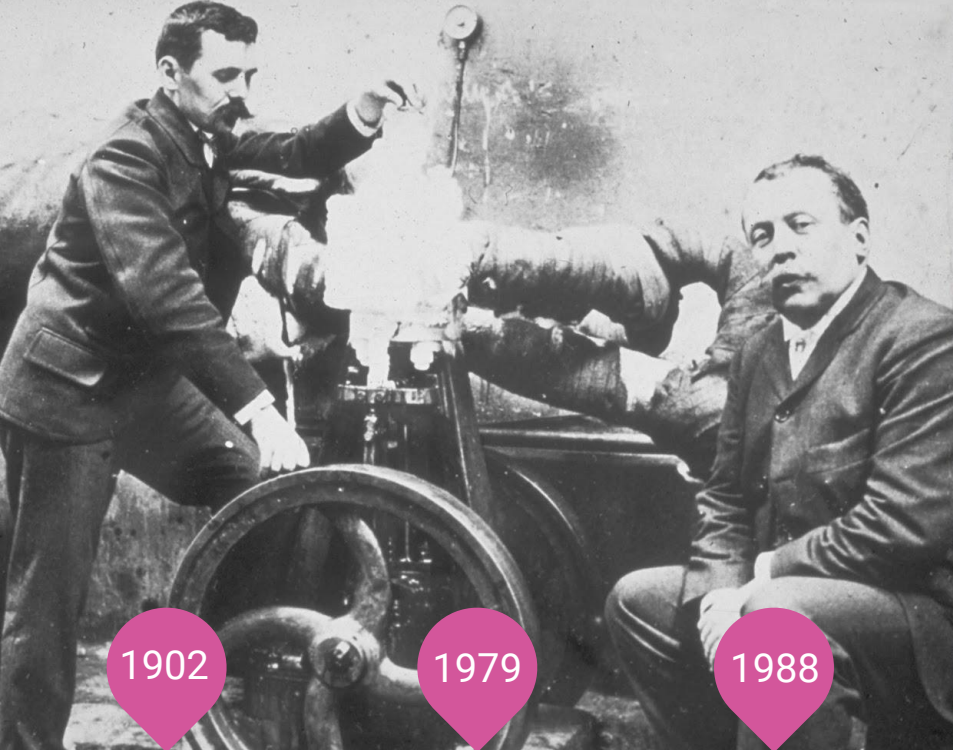
Essential Small Molecules are involved along the entire value chain





02

Innovation is about
people working
together



1902

1979

1988

1990's

2003

2017

invention of the air liquefaction process and production of oxygen

cryogenic tanks designed and developed for the launch of Ariane 1

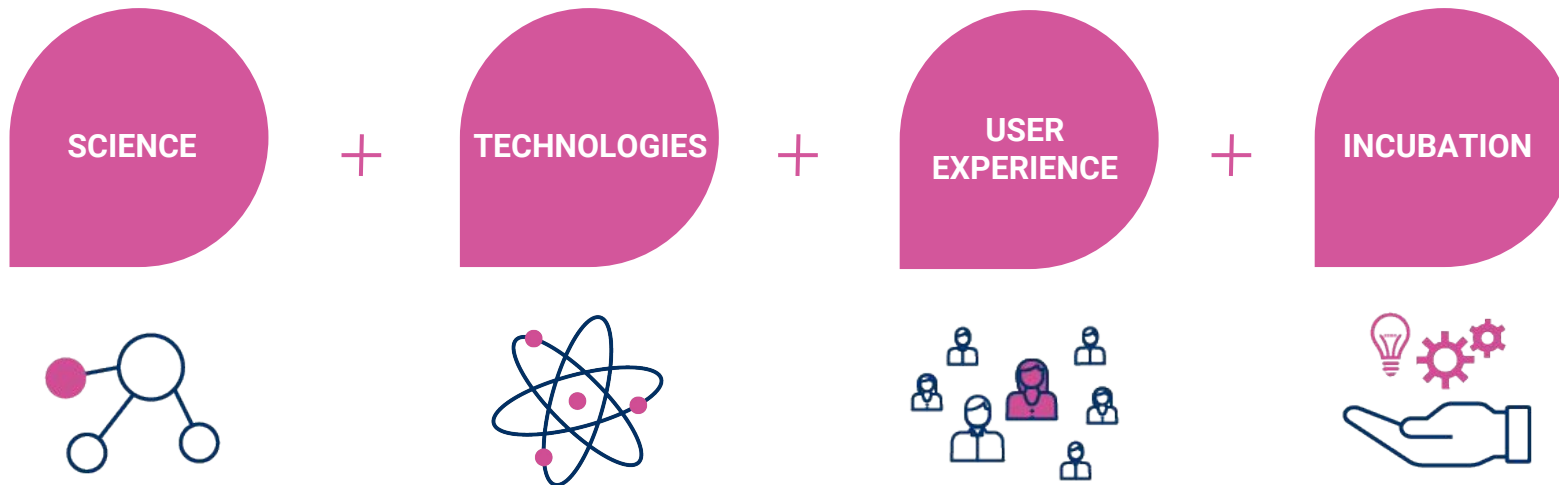
first industry reference in the field of air separation

hydrogen becomes an energy supply

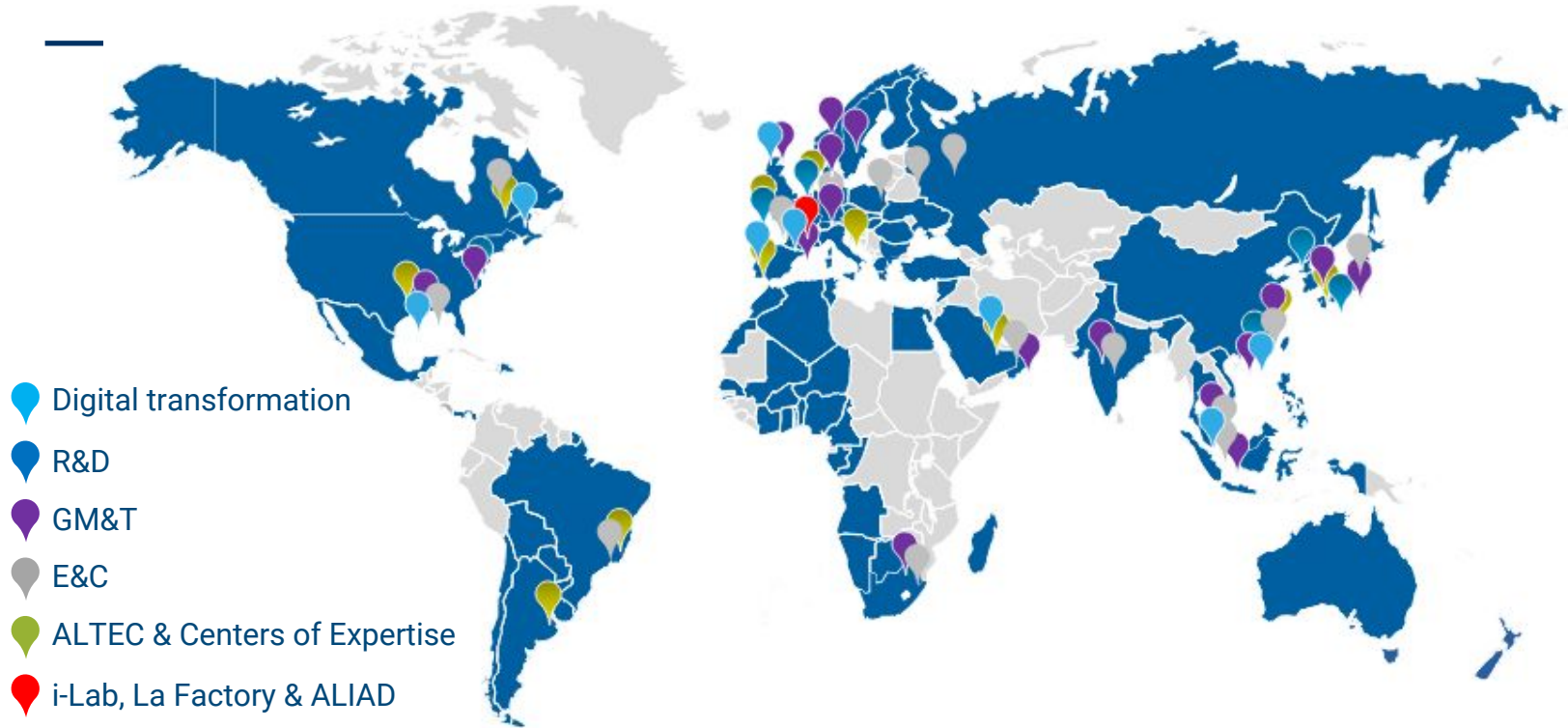
new molecules: ALOHA for electronic and photovoltaic devices

+150,000 patients suffering from sleep apnea benefit from remote monitoring equipment

Air Liquide's innovation hub



A worldwide network



~380
employees of
innovation

292
innovation e

03

Air Liquide R&D, a worldwide strike force

2017 Key Figures



8 scientific & technological expertises



Process Engineering



Combustion



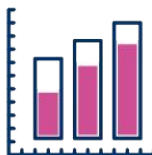
Materials Science



Design and
manufacturing



Computational & Data
Science



Analytical Science



Fine Chemistry



Life Science

R&D is worldwide

📍 **GROUP R&D**

📍 **R&D SUBSIDIARIES**

9 R&D sites

3 continents

41 nationalities





8 expertises
46 laboratories
> 350 researchers

Paris-Saclay Research Center 2018

Atelier d'Architecture Michel Remon / Agence Laure Planchais / Setec Bâtiment / Tribu

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13 | 16/10/2018
B. FUSTERn

PRESLHY 2ND PLENARY MEETING- AIR LIQUIDE R&D activities

