

IAM

INTERNATIONAL
ADVANCED
MANUFACTURING

3D HUB

Technological Partners:



Ecosystem partners:



amb el suport de:



Mission & Strategy • •

AM / 3DP Community with a shared vision

Our mission is to accelerate the adoption of additive manufacturing technologies within the European Union through a one-stop shop to guide and advice companies in their 3DP/AM transformation.

This support is provided through services using the technology entrusted by the members of the Hub.

To achieve the objectives, we have developed a comercial strategy based on the following methology:

Experiment & Testing

E2E Solutions:

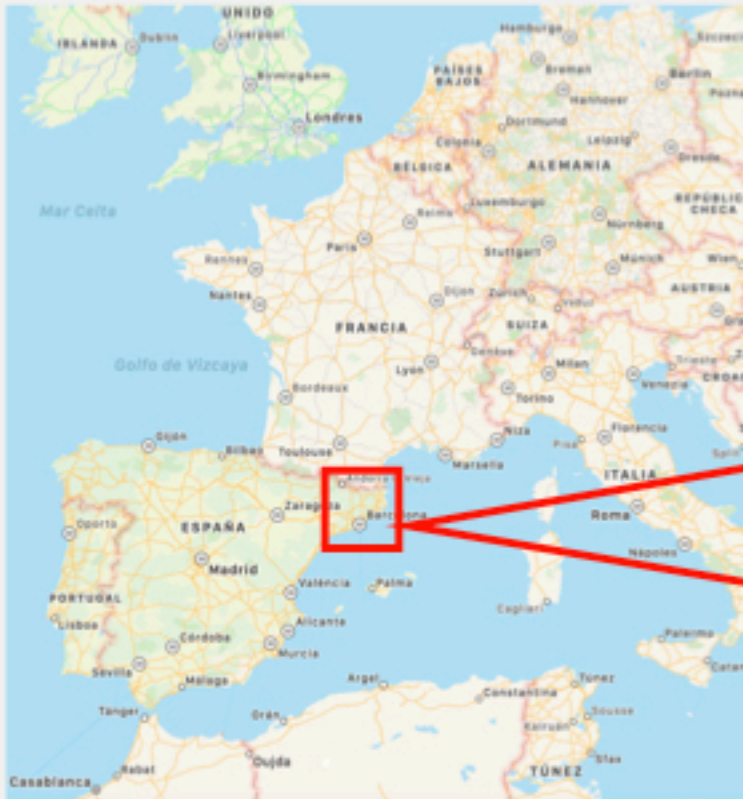
Adoption

Implementation

Scale-up



IAM3DHUB





The largest technology hub in southern Europe

It will be the Hub for the promotion and development of Industry 4.0 in Europe.

Promote the creation of an ecosystem of attracting talent, technology and investments in a single space that brings together the most innovative companies with the most cutting-edge technological projects.

Aligned with the Sustainable Development Goals and whose main objective will be to facilitate industry's digital transition.





3D Printing



Robotics



Sensors



Artificial
Intelligence



Cybersecurity



Advanced
Manufacturing



Powder metal 3D Printing

x1

SLM
Renishaw
RenAM 500M

Entrusted by:
RENISHAW
apply innovation™



x1

TOOLS
Metacut
S3

Entrusted by:
LEITAT
Metals Technology



x1

POLISHER
Buehler automet
250 PNG

Entrusted by:
LEITAT
Metals Technology



x1

MICROSCOPY
ZEISS
Axiover 40 mat

Entrusted by:
LEITAT
Metals Technology



x1

VACUUM
ATEX

Entrusted by:
RENISHAW
apply innovation™



x1

SIEVE STATION
Russell Finex

Entrusted by:
RENISHAW
apply innovation™





x1

FDM
Intamsya
HTEntrusted by:
LEITAT

x1

FDM
BCN3D
BCN3D+Entrusted by:
LEITAT

x1

FDM
EntresD
UplEntrusted by:
LEITAT

x2

FDM
Kodak
Portrait 3DEntrusted by:
LEITAT

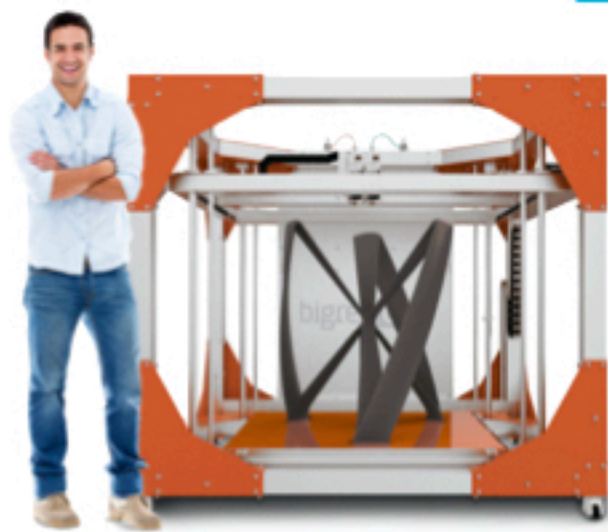
x1

FILAMENT MAKER
3DEVO
Precision 450Entrusted by:
LEITAT

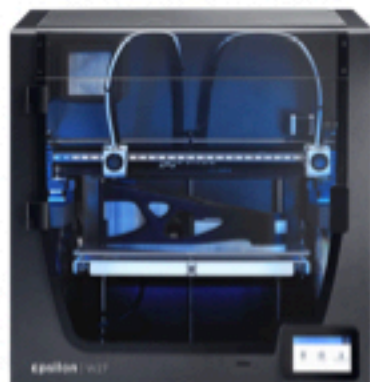
x1

STOVE
Digitronic
145Entrusted by:
LEITAT

x1

FDM
BigRep
BigRep1Entrusted by:
D-BASF

x1

FDM
BCN3D
EpsilonEntrusted by:
D-BASF

x1

FDM
Stratasys
Dimension
768Entrusted by:
LEITAT

x1

FDM
Stratasys
Fortus
450 mcAvailable at
3D INCUBATOR /

x1 MJF HP 3D
 HP MJF 5200

Entrusted by:




x1 VOXELJET
 VX200

Entrusted by:




x1 SLS
 Sinterit

Available at:
 3D INCUBATOR/



x1 Sandblaster

Entrusted by:




x1 GRANALLADORA L10

Entrusted by:
Abrast
 AN ABRASIVE TECHNOLOGY

x2 POST-PRO ABSHOT S3

Entrusted by:
Abrast
 AN ABRASIVE TECHNOLOGY

x1 ELECTROPOLISHER DLYTE 600

Entrusted by:
Dlyte
 GPAINNOVA

x1 SANDBLASTER S1

Entrusted by:
IAM solutions
 INNOVATIVE PROCESSING TECHNOLOGIES

x1 SANDBLASTER

Entrusted by:
Abrast
 AN ABRASIVE TECHNOLOGY

x1 VIBRATIONAL POLISHER

Entrusted by:
Abrast
 AN ABRASIVE TECHNOLOGY

x1 VIBRATIONAL POLISHER M1

Entrusted by:
IAM solutions
 INNOVATIVE PROCESSING TECHNOLOGIES

Digital Innovation Hub for Catalonia [DIH4CAT]

The referent Digital Innovation Hub of southern Europe

Intelligent
Communication



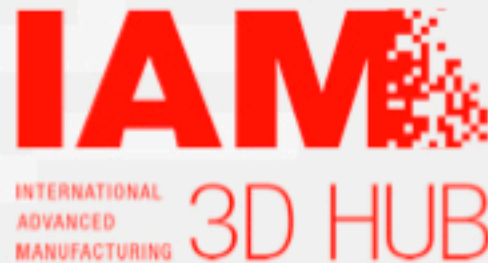
Supercomputing



Cybersecurity



Additive Manufacturing
& 3D Printing



Artificial
Intelligence



Robotics &
Advanced
Manufacturing



Photonics



Adoption Projects

01

3D Screening

Identify your Digital Transformation opportunities

02

3DP Solution identification

Identify the suitable AM technology and material to produce the selected part, based on client's requirements.

03

Experimenting & testing

To be able to visually see & touch different parts from different suitable technologies in order to easily select the one to work with.

Prototyping
Experimenting
Testing



- + 30 // 3D Printers
- + 10 // Technologies
- + 100 // Materials

04

**DfAM
Design for Additive
Manufacturing**

To achieve a personalized products portfolio or improve any part's functionality.

Customized products or E2E Applications

05

Manufacturing

Helping to launch new added value products with a new real production strategy based on AM/3DP.

06

Qualification

Validation
Qualification
Certification

Products
Services
Processes

07

Production layout

Optimized layout distribution to improve productivity and efficiency.



Communication & media

+35.000 interactions on social media



+2.500 impacts on media yearly

+20.000 Website views

-  **40%** - Spain
-  **10%** - U.S.A.
-  **8%** - China
-  **5%** - Germany
-  **5%** - France
-  **20%** - Rest of Europe
- 12%** - Other countries



Tradeshows & Events ••

Tradeshows FY20



Tradeshows & Events ••

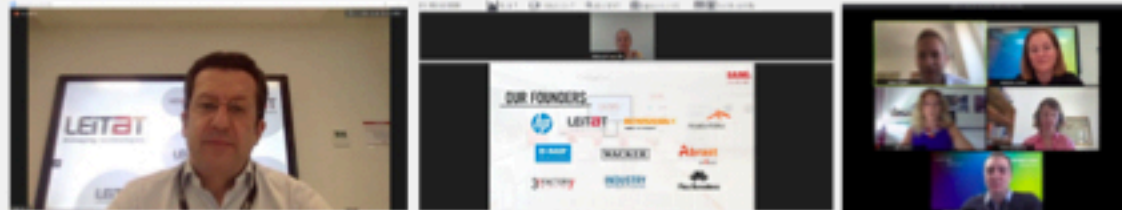
Events FY 2020

177 Focus Tours

11 Technical Conferences

4 Workshops

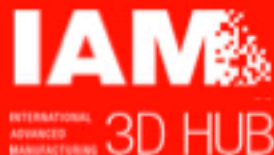
9 Webinars



Thanks.

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