



FLAME

FACILITY FOR LARGE-SCALE ADAPTIVE MEDIA EXPERIMENTATION

THE FLAME PROJECT HOW TO GET INVOLVED

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Martel Innovate



FEC3

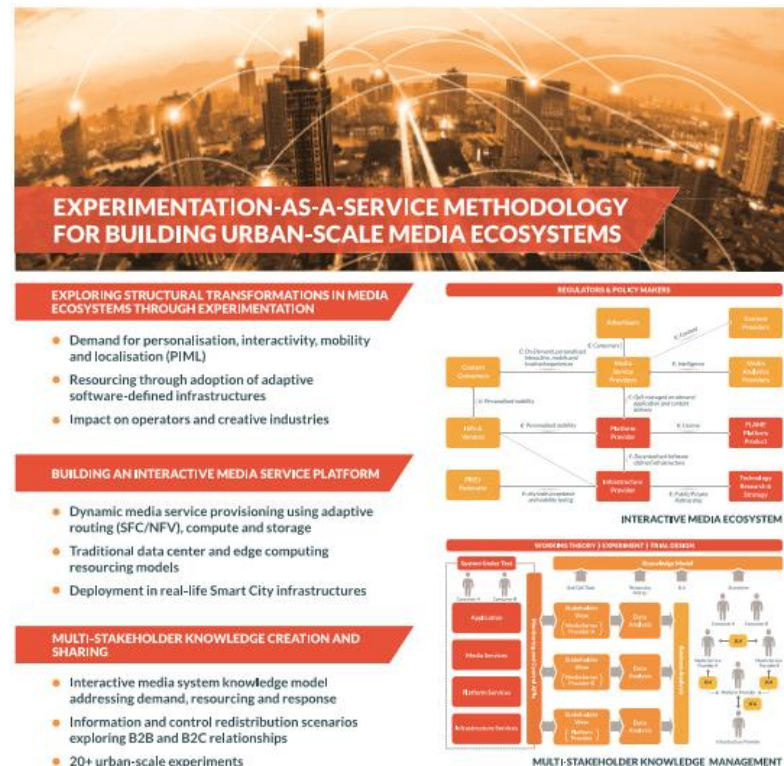


AMBITIOUS VISION AND PLANS

FLAME OBJECTIVES



- The main ambition of the FLAME project is to:
 - Establish a **Future Media Internet (FMI) ecosystem** using **Experimentation-as-a-Service**
 - Trials and experiments exploring acceptance, viability and performance
 - **Support large-scale experimentation** of novel FMI products and services
 - **FLAME's technologies** are interactive media systems with tight integration with networks
 - **Use real-life adaptive experimental infrastructures** encompassing compute, storage and software-enabled communication infrastructure

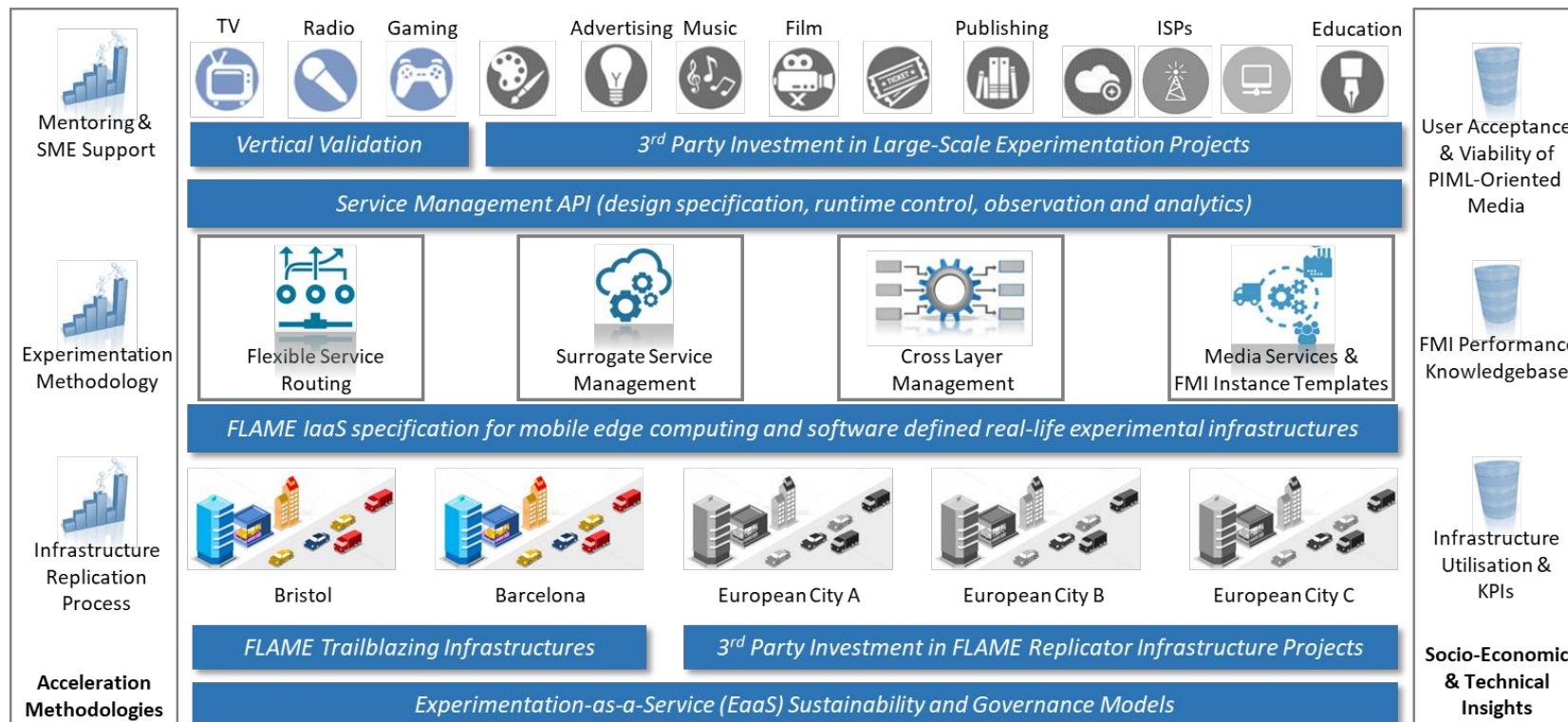


WHAT IS THE FLAME OFFERING?

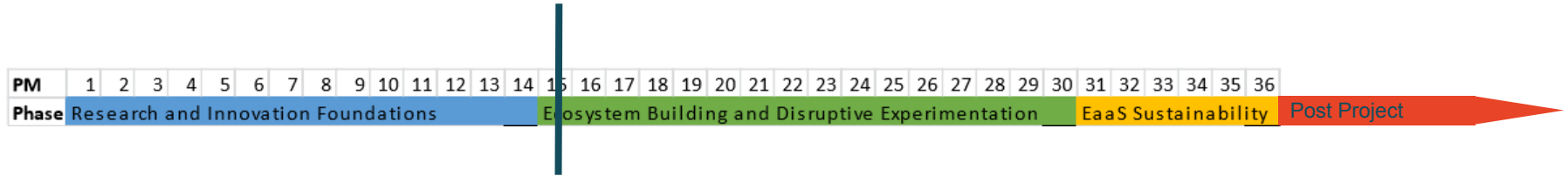
- **Technical offering – software products**
 - Infrastructure level
 - Platform level
 - Media Service level
- **Knowledge base**
- **Training services / Summer school**
- **Funding – more than 2 Million Euro**



A COMPREHENSIVE APPROACH



PROJECT PHASES



Today



Create the core FLAME foundation and technologies and bootstrap the FMI ecosystem



Start validation experiment, kick off open calls for 3rd party experimentation (April) and replication projects (November).

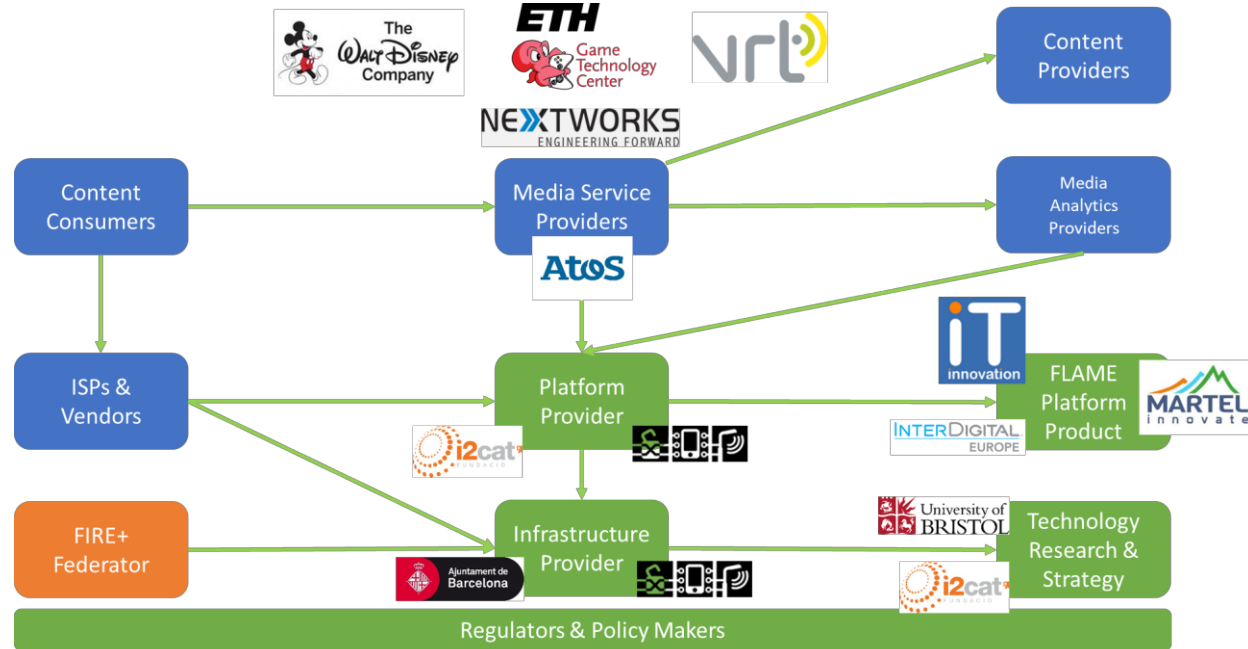


Transition towards sustainability, through targeted engagement and unfunded experiments, and pitching to investors

PROJECT FACTS



- 3 years
 - Jan-17 to Dec-19
- 11 Partners
 - 438 PMS
- EUR 6.9M Budget
 - EUR 2.2M 3rd party project investment





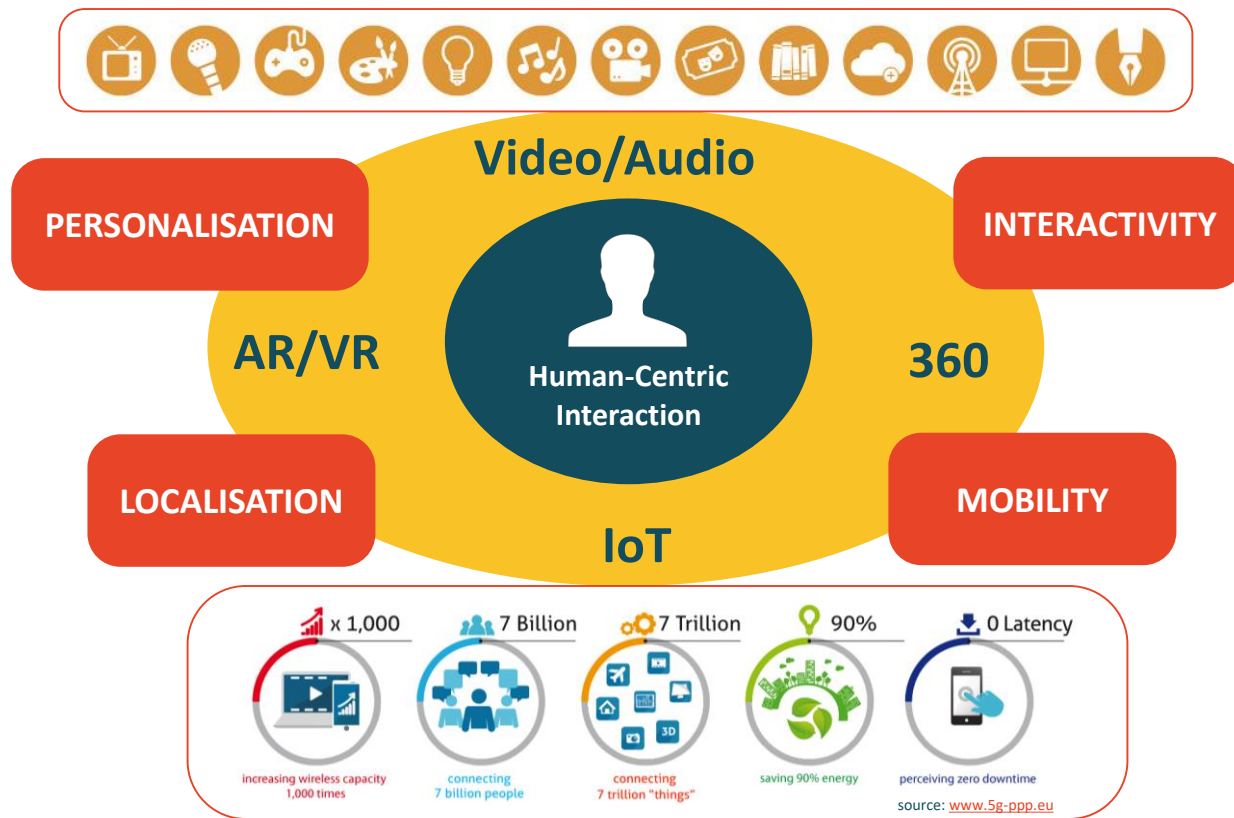
THE FMI ECOSYSTEM

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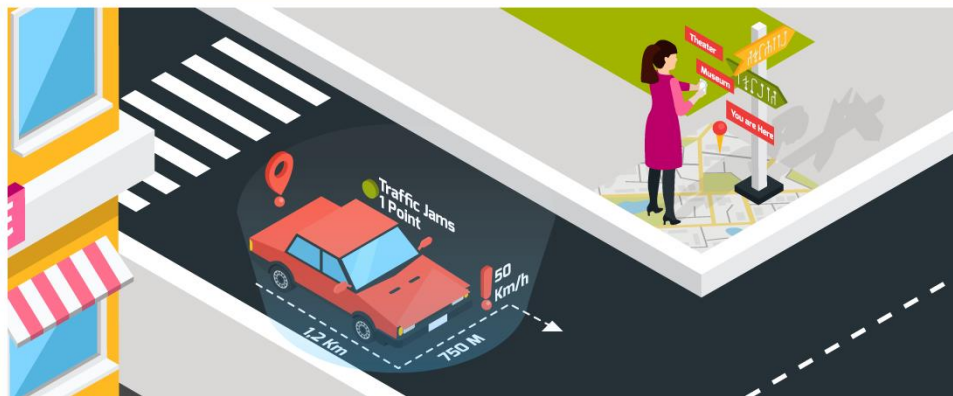
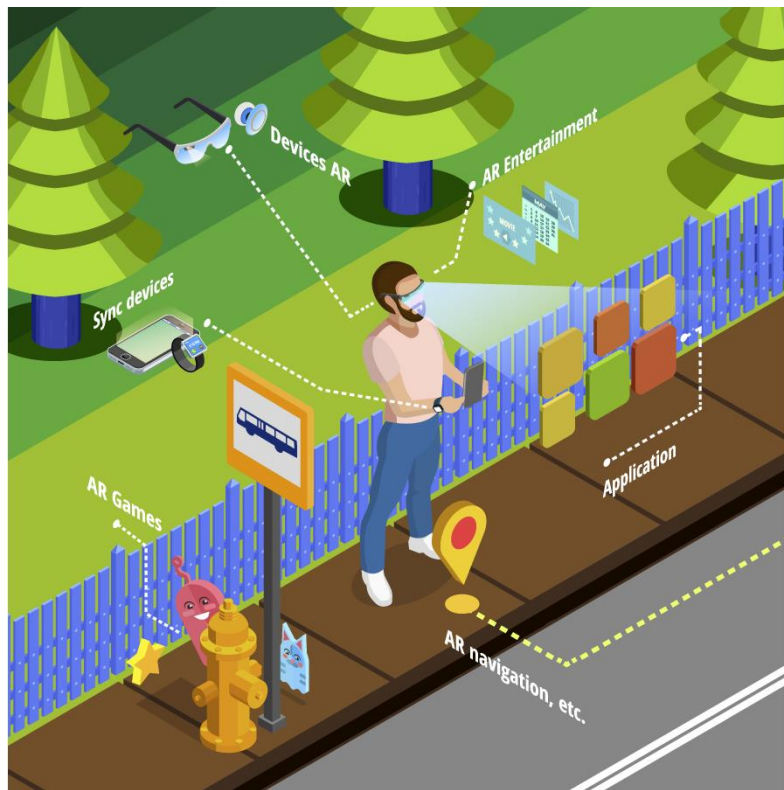
FLAME aims to establish an FMI ecosystem based on the **Experimentation-as-a-Service** paradigm that supports **large-scale experimentation** of novel FMI products and services using **real-life adaptive experimental infrastructures** encompassing the compute and storage facilities and underlying software-enabled communication infrastructure



THE VISION



REAL-LIFE MEDIA SCENARIOS



A GROWING ECOSYSTEM

To start with

- 2 cities
 - 12 partners
- ...and more to come



The Consortium

Platform Providers

InterDigital Europe Ltd. (*United Kingdom*)
Atos España (*Spain*)

Content providers

VRT.be (*Belgium*)
The Walt Disney Company GMBH (*Switzerland*)

SMEs

Martel Innovate (*Switzerland*)
Nextworks Srl (*Italy*)

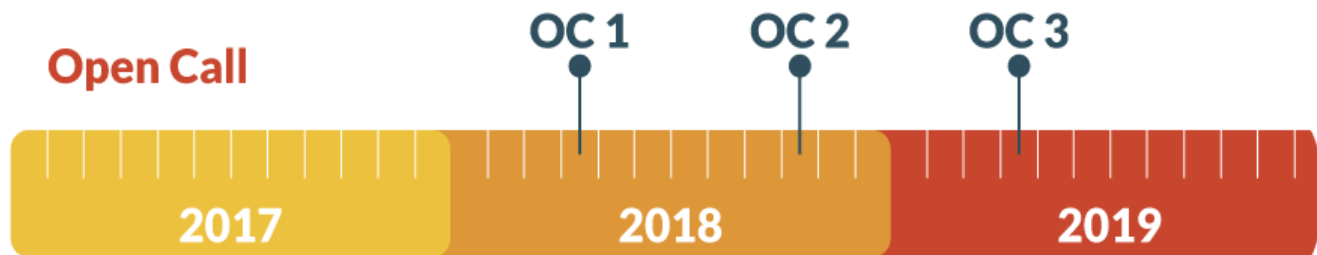
Municipalities

L'Institut Municipal d'Informàtica de Barcelona (*Spain*)
Bristol is Open (*United Kingdom*)

Academia & Research Institutes

University Southampton (*United Kingdom*)
i2CAT Foundation (*Spain*)
University of Bristol (*United Kingdom*)
ETH Zürich (*Switzerland*)

EUR 2.2M
to be invested
in 3 rounds of
Open Calls



1st OPEN CALL – OPEN IN APRIL 2018

- **2x Industry Trials**

- 12 months, 130K
- Large scale and significant sectorial impact
- Alpha platform

- **4x SME Trials**

- 6 Months, 70K
- Innovative OTT media technologies, ISPs and Vendors
- Alpha platform



OC TARGET STAKEHOLDERS

- **Industries** like multimedia and creative industry, investment industry as well as technology providers
- **SMEs/Start-ups** technologically involved in the development of multimedia solutions and products
- **FLAME replicators** which will be supported in the planning process creating the plans and visions for a city and in the replication of the FLAME platform itself – from second Open Call (November 2018)



1st OC – IMPORTANT INFORMATION

- **April 9, 2018.** 1st Open Call begins
- **May 17, 2018.** Feasibility check deadline
- **May 31, 2018.** Deadline to submit the final proposal, including the feedback from the feasibility check
- **End of June, 2018.** Notification of results
- **July 2018.** Winning proposers will be expected to start their experiments at the beginning of July 2018.

Stay tuned at: <https://www.ict-flame.eu/open-calls/>

1st EDITION FLAME SUMMER SCHOOL



- **11-13 July 2018**, Bristol (UK)
- Organised by **University Of Bristol**
- **MAIN GOAL:**
 - To promote FLAME Platform as an infrastructure for FMI development and experimentation within academia and industry
- **AGENDA** on the website
<https://www.ict-flame.eu/event/1st-flame-summer-school/>



GET ENGAGED!

HELP US SHAPING THE FUTURE
INTERNET MEDIA ECOSYSTEM



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FLAME



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THANK YOU FOR YOUR ATTENTION



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FLAME Capabilities - Infrastructure

- Multicast traffic for multiple users
- Caching/data processing in the edge vs cloud-based models
- Network slicing capabilities
- Monitoring capabilities
- And more

FLAME Capabilities - Platform

- Low latency distributed content
- Multicast delivery of HTTP responses
- Secure end-to-end access to content
- And more

FLAME Capabilities - Media

- Media Content database
- Content Conditioning
- Transcoding and transrating
- Adaptive streaming

2nd Open Call – November 2018



- **3x Replicators**

- 12 Months, 130K

- **5x SME Trials**

- 6 Months, 70K
- innovative OTT media technologies, ISPs and Vendors
- Beta platform

3rd Open Call – April 2019

- **1x Industry Trials**

- 6 Months, 100K
- technologies with large scale and significant sectorial impact
- RC Platform

- **5x SME Trials**

- 6 Months, 70K
- innovative OTT media technologies, ISPs and Vendors
- RC platform

- **6x Start up Trials**

- 6 Months, 50K
- innovative OTT media technologies