



FLAME

FACILITY FOR LARGE-SCALE ADAPTIVE MEDIA EXPERIMENTATION

FLAME Offering “A flexible delivery platform for media services”

Michael Boniface

IT Innovation Centre

NEM Summit, Madrid

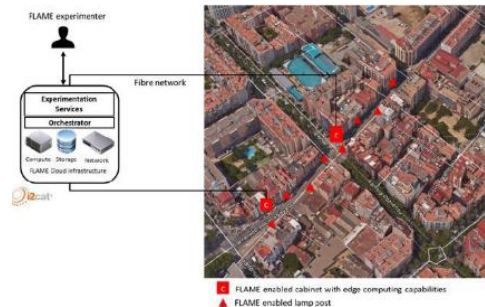
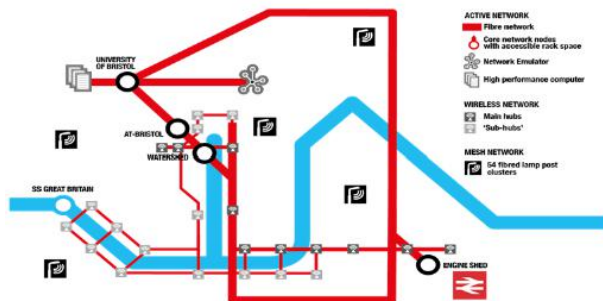
30/11/2017



We are building a media service platform through collaborative trials, experiments and replication



FLAME Offering - Real Life Infrastructures



Compute resources distributed and integrated with communication infrastructures across real-life infrastructures (edge, metro and core)

FLAME IaaS specification for mobile edge computing and software defined real-life experimental infrastructures



Bristol



Barcelona



European City A



European City B



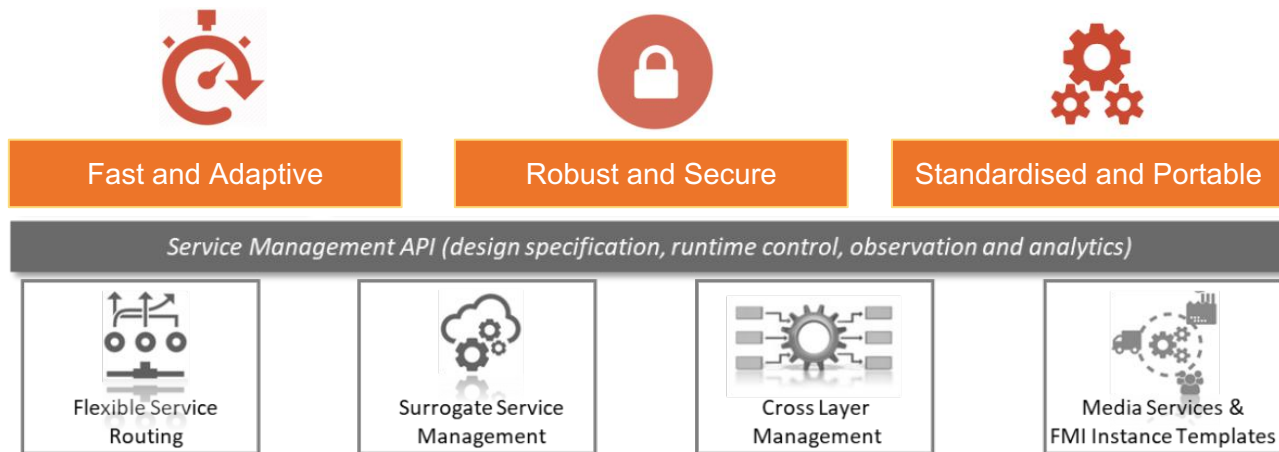
European City C

FLAME Trailblazing Infrastructures

3rd Party Investment in FLAME Replicator Infrastructure Projects

Experimentation-as-a-Service (EaaS) Sustainability and Governance Models

FLAME Offering – Media Service Platform



Core Platform Features

- Flexible service deployment
- Improved service request routing
- Multicast delivery of http responses
- Net-level indirection
- Less chance of insecure direct object references
- Secure end-to-end access to content



Foundation Media Services

- Media Content Management
- Content Conditioning
- Transcoding and Transrating
- Adaptive Streaming
- extensible to further services ...

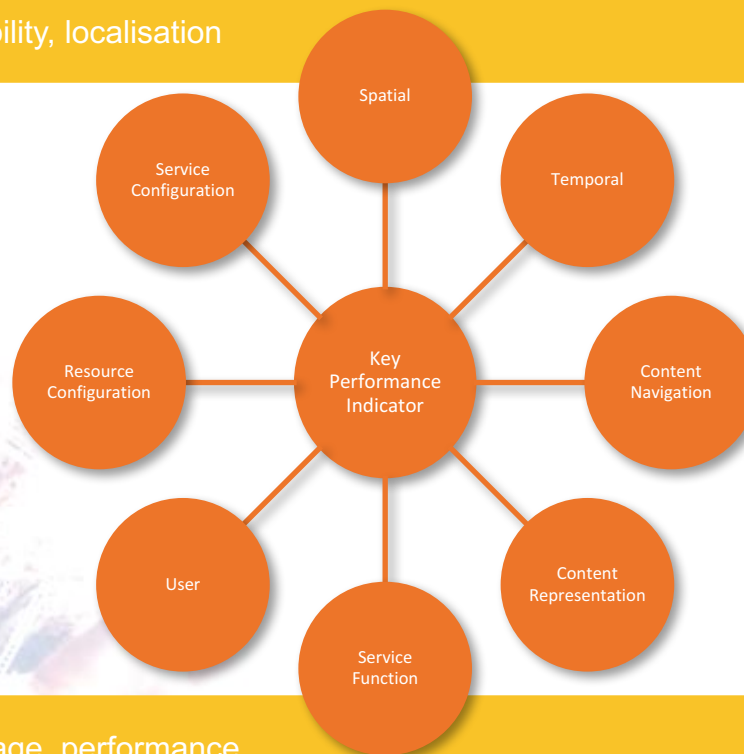
FLAME Offering – Knowledge and Analytics

User Demand: personalisation, interactivity, mobility, localisation

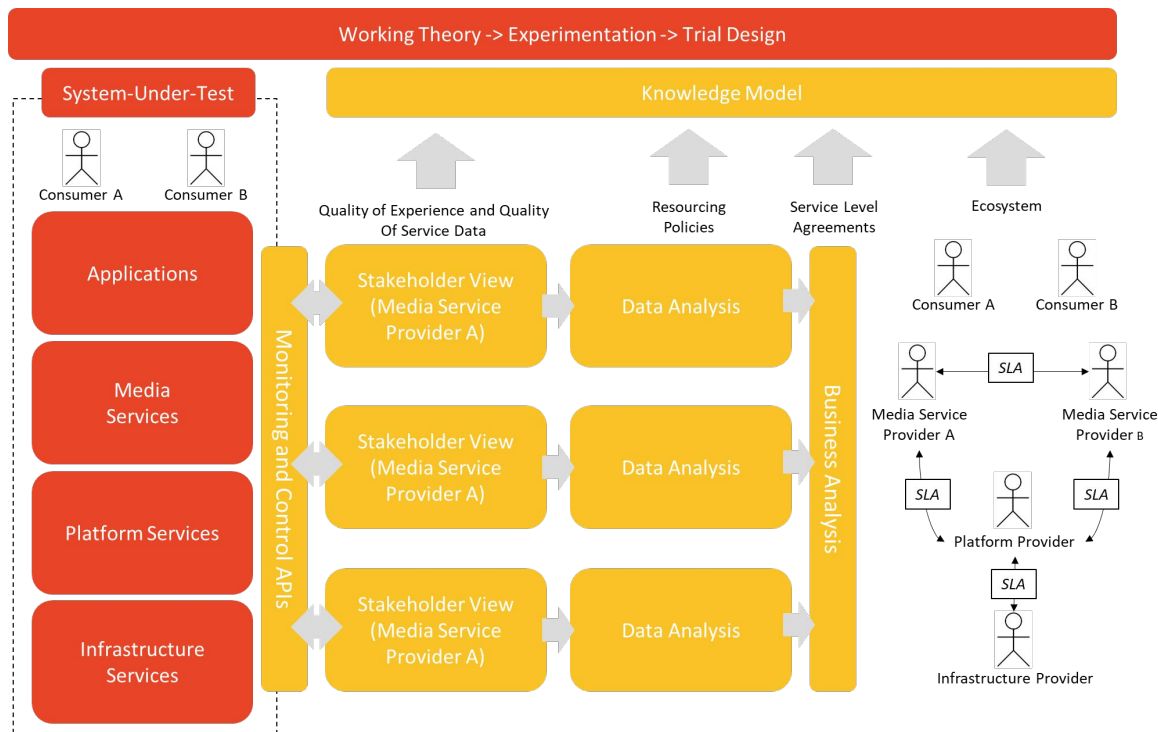
Cross-layer multi-dimensional data analysis

Media service template modelling and evolution

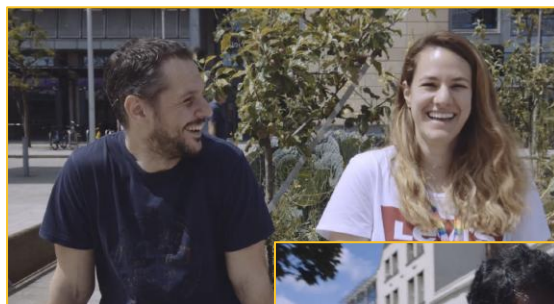
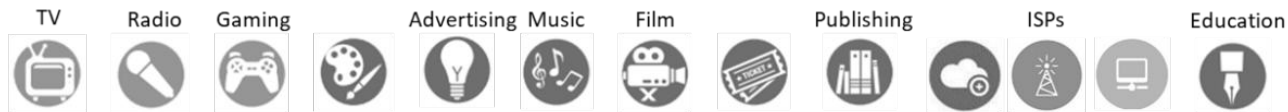
Infra Resource: spatial-temporal allocations, usage, performance



FLAME Offering – Methodologies, Support and Training



FLAME Offering – Market Showrooms



FLAME Offering – Funding



Application,
Content and
Device
Providers

Open Call

OC 1

OC 2

OC 3

2017

2018

2019



Media Service
Providers

EUR 2M+ funding
for
trials, experimentation
and replication



European City A



European City B



European City C

3rd Party Investment in FLAME Replicator Infrastructure Projects

Infrastructure
Providers

Market Showroom

**Methods,
Support and
Training**

Trials and Experimentation Funding

Media Service Platform

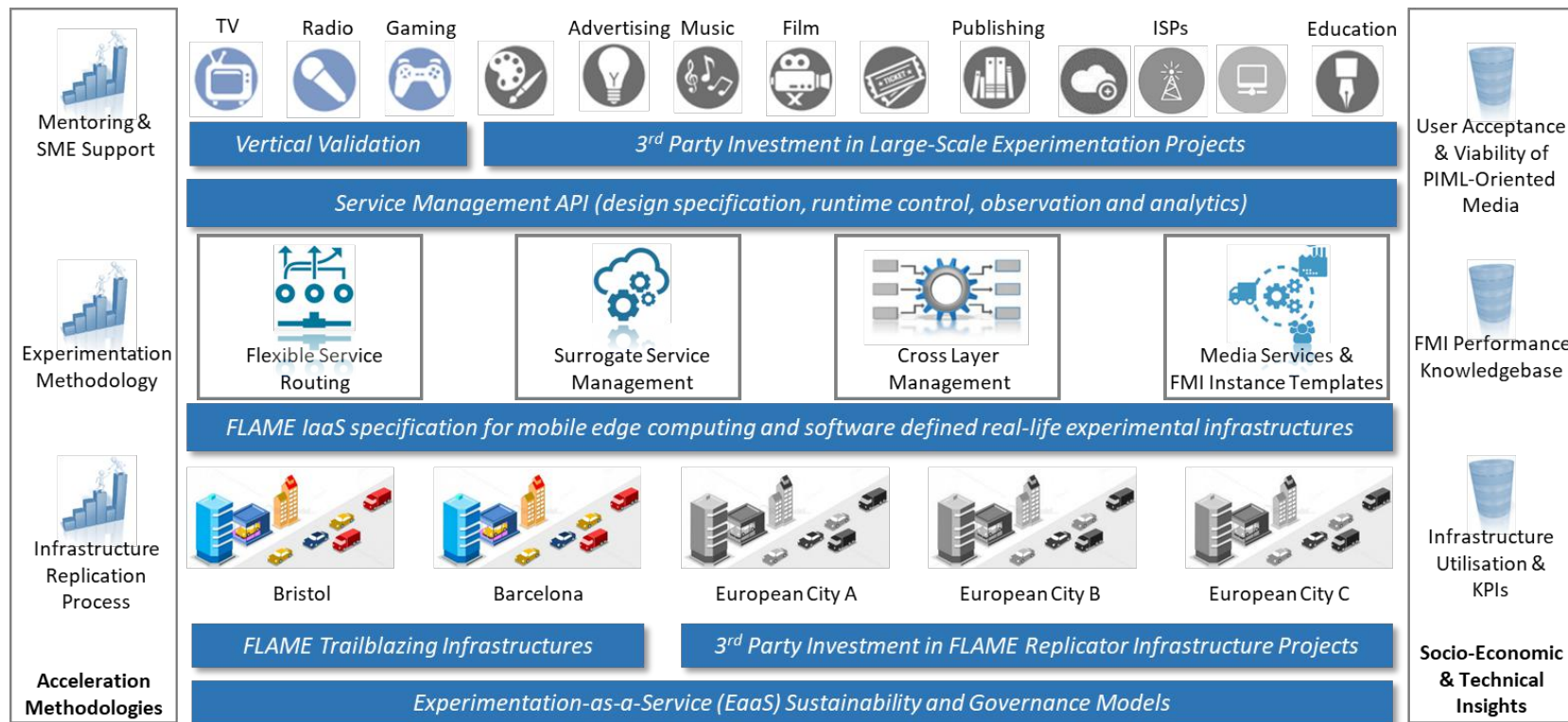
**Media Service
Funding**

**Knowledge &
Analytics**

Real Life Infrastructures

**Replicator
Funding**

The FLAME Offering – Get Involved



FLAME Online



DISCOVER OUR PRESENCE
ONLINE AND GET INVOLVED!



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