FACILITY FOR LARGE-SCALE ADAPTIVE MEDIA EXPERIMENTATION

Rethinking the Internet:
A novel platform proposition for flexible media service delivery using software-defined infrastructures

Michael Boniface

IT Innovation Centre

Stakeholders Workshop

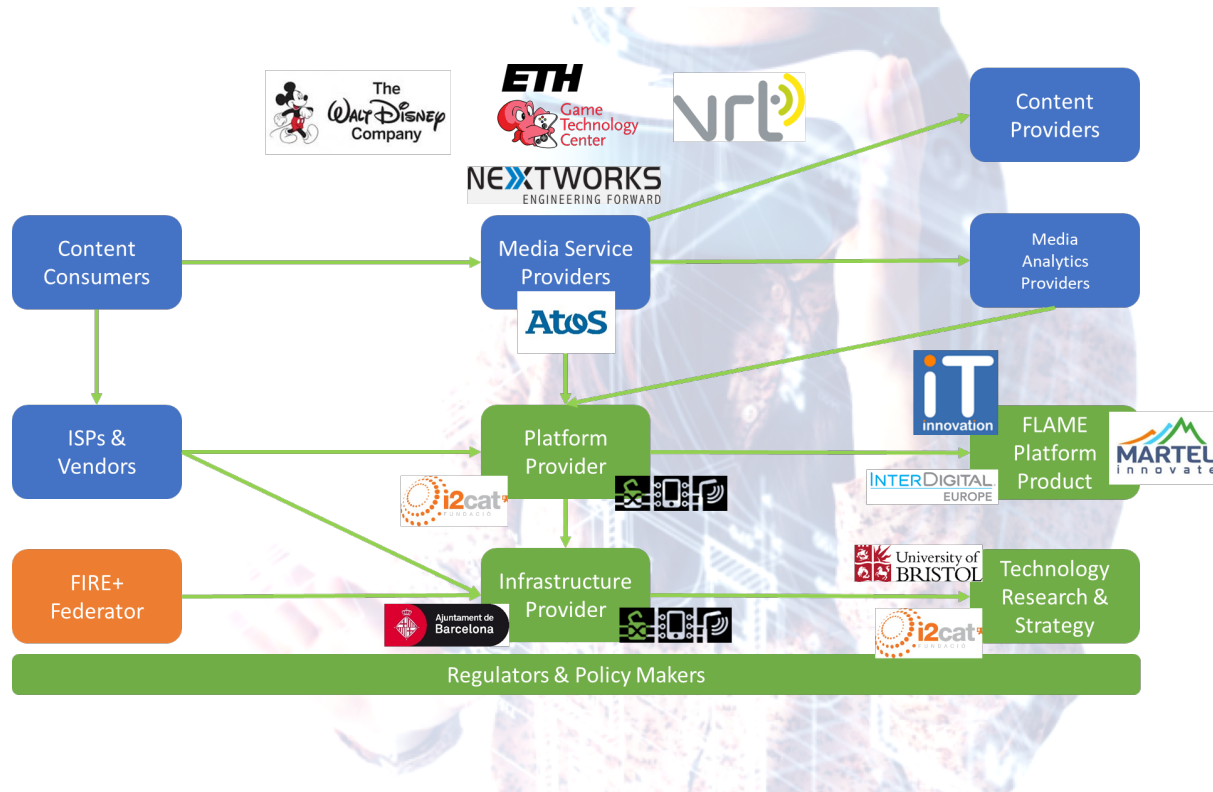*Bristol is Open, 19 Oct 2017*

WWW.ICT-FLAME.EU

Objectives

- Build a ground-breaking media delivery platform on software-defined infrastructures.

  - tighter integration of media services with the programmable compute, storage and communication infrastructure of Telcos

  - highly distributed media service provisioning (core network, metro data centres, edge)

- Validate acceptance, viability and performance through trials with current and emerging content on real-life infrastructures
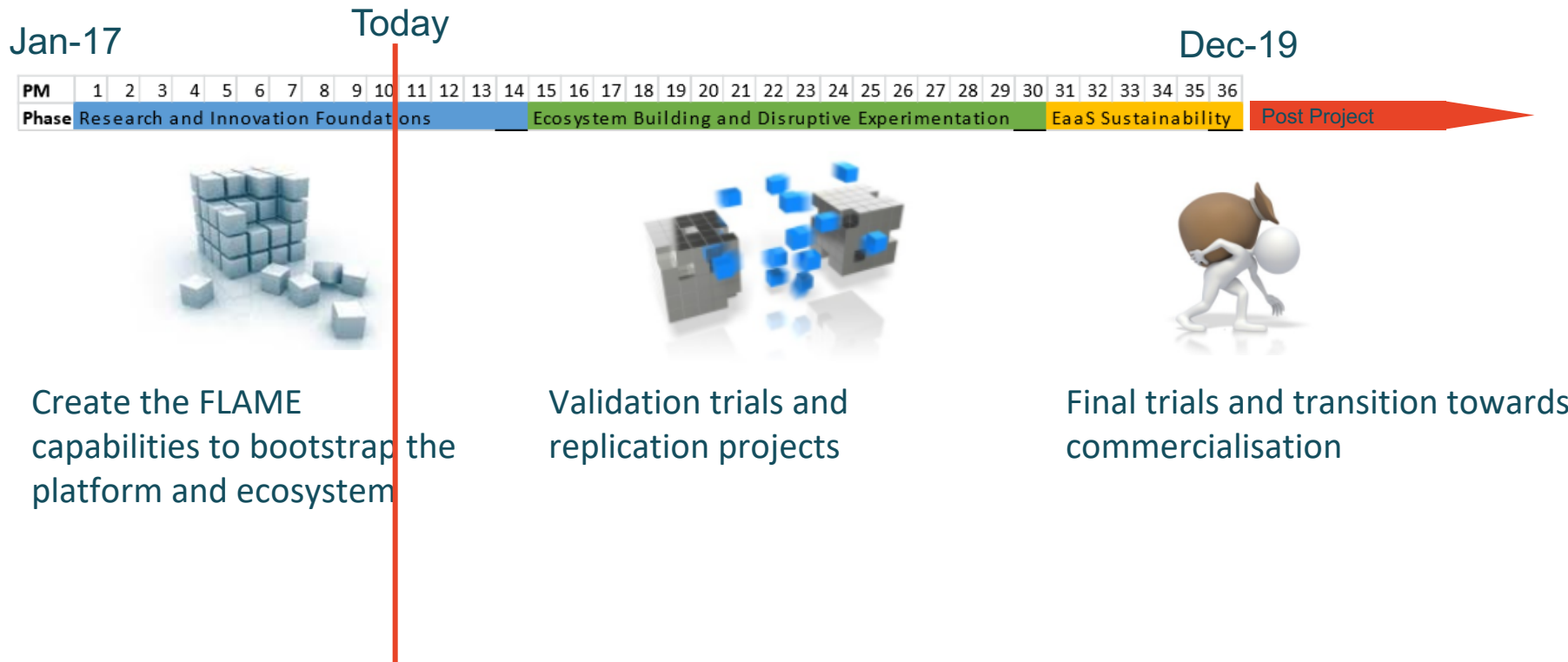
Project Facts

- 3 years
  - Jan-17 to Dec-19
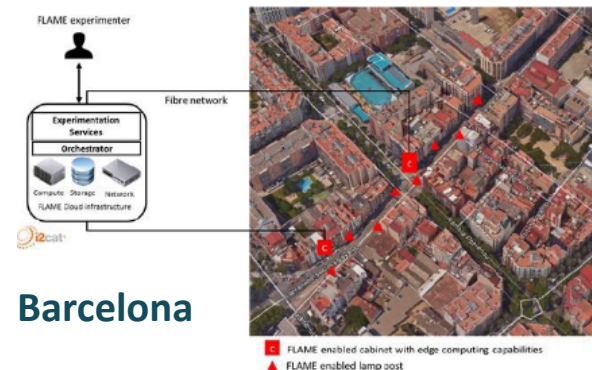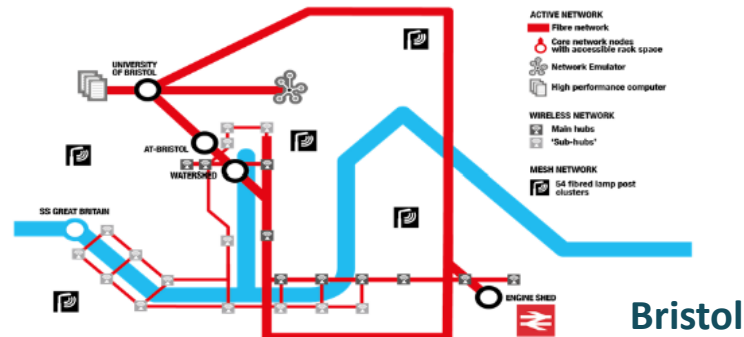
- 11 Partners

- EUR 6.9M Budget

Project Phases

Jan-17

Today

Dec-19

PM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
Phase	Research and Innovation Foundations														Ecosystem Building and Disruptive Experimentation																EaaS Sustainability						Post Project

Create the FLAME capabilities to bootstrap the platform and ecosystem

Validation trials and replication projects

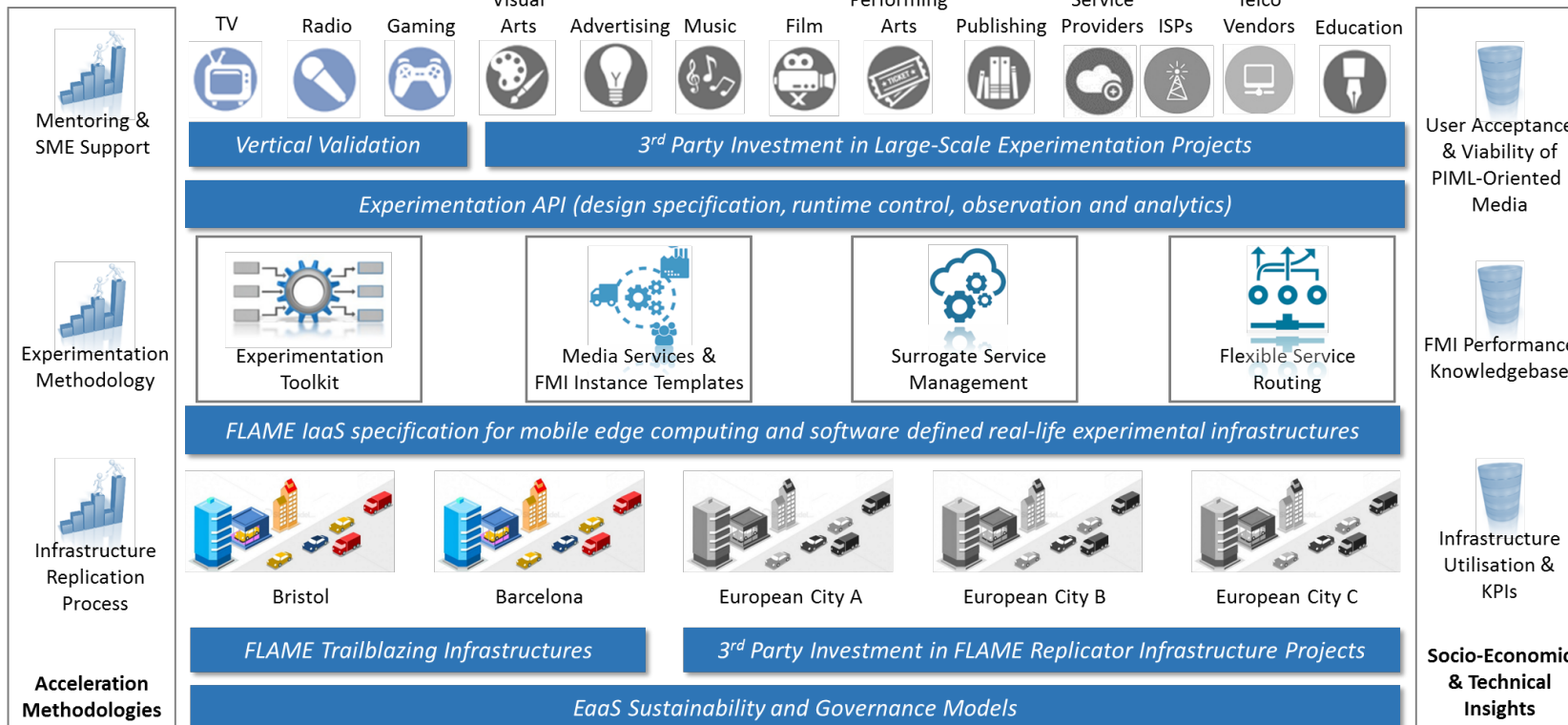Final trials and transition towards commercialisation

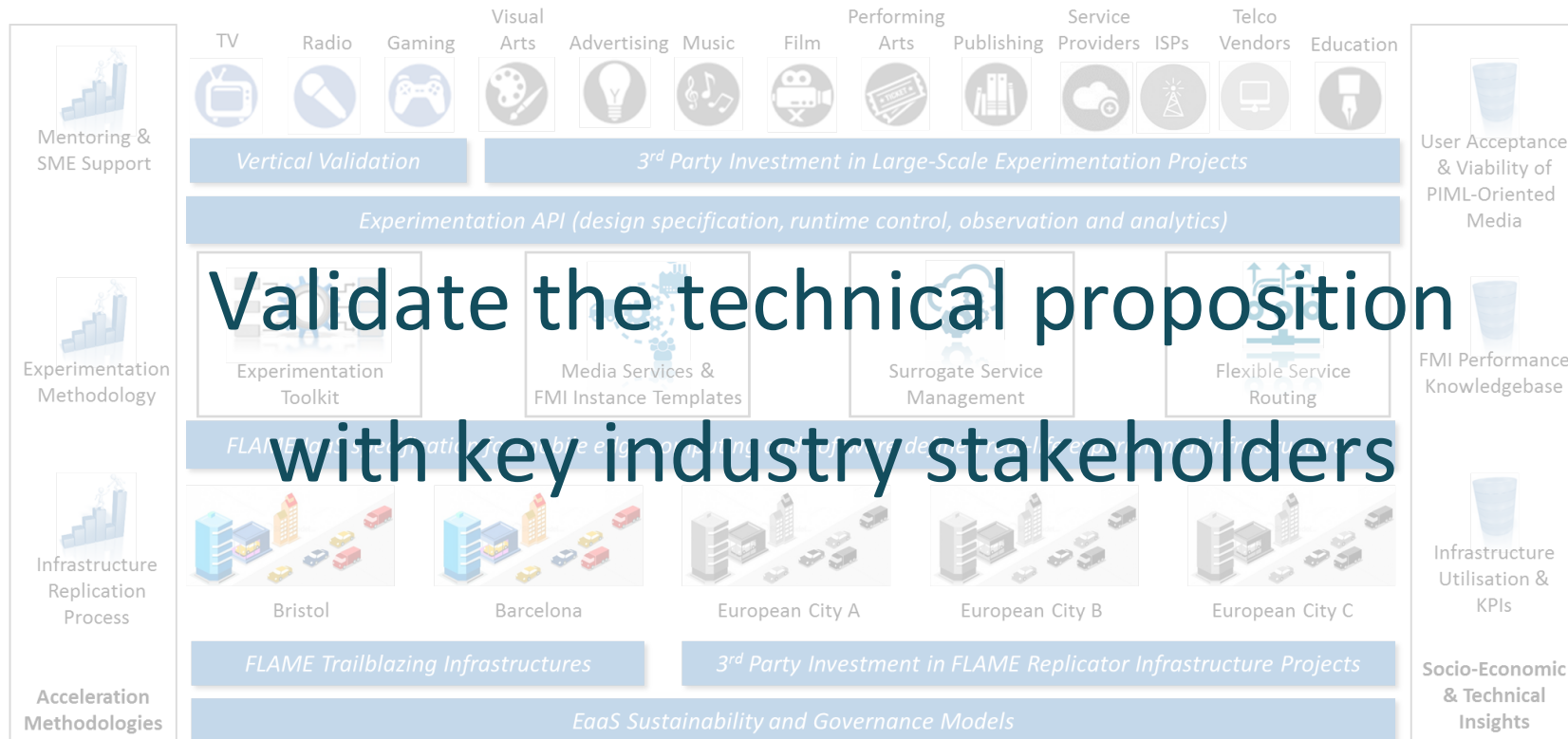# Ground-breaking urban scale trials and experiments

- FLAME is driven and validated by trails conducted by ecosystem partners

  - 5 operator infrastructures

  - 25+ customer trials

- New media formats (AR, VR, 360) and distribution channels

- Engagement with media service providers, content providers, infrastructure operators and beyond

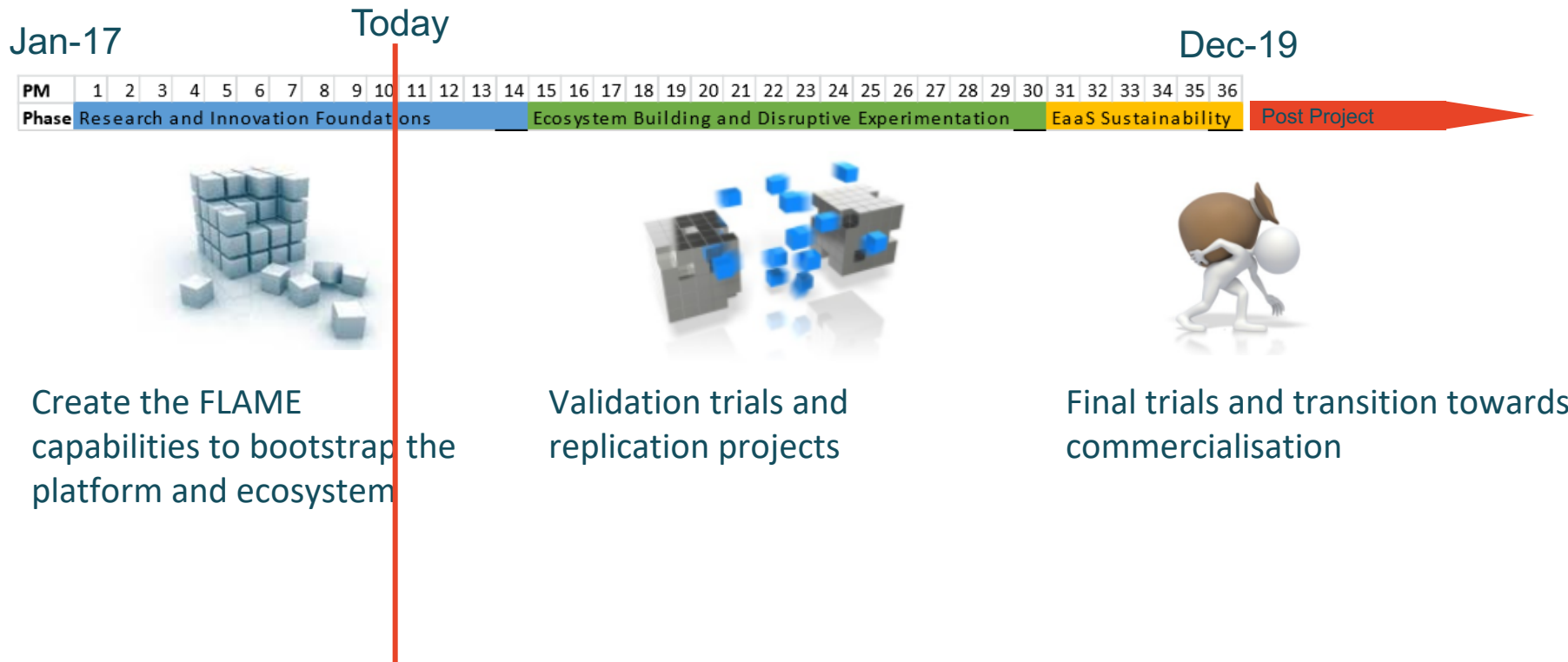- Trials will be conducted in 3 waves from Mar-18 to Dec-19

Bristol

Barcelona

This is FLAME

Workshop Objective

FLAME

Validate the technical proposition with key industry stakeholders

Roadmap

Project Phases

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Today

Dec-19

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High-Level Roadmap

Platform Components Development

FLAME Alpha Components Released (Dec-17/M12)

FLAME Beta Components Released (Aug-18/M20)

FLAME RC Components Released (Apr-19/M28)

Platform Integration

Infra, Platform and MS Product Alpha Release (Jan-18/M13)

Infra, Platform and MS Product Beta Release (Oct-18/M22)

Infra, Platform and MS Product (May-19/M29)

Staging and Production

Alpha Deployed Bristol/Barcelona (Feb-18/M14)

OC1 Replication Projects Start (Jul-18/M19)

Beta Deployed – All Infrastructures (Dec-18/M24)

RC Deployed – All Infrastructures (Jun-19/M30)

Trials and Experimentation

Validation Experiments Start (Feb-18/M14)

OC1 Experiment Projects Start (Jul-18/M10)

OC2 Experiment Projects Start (Jan-19/M25)

OC3 Experiment Projects Start (Jul-19/M31)

Follow up actions

- Read
  - (and contribute to) the workshop report
  - public project reports available through our website

- Join
  - us at future events such as MWC (Feb-18), NEM Summit (Nov-17)

- Follow
  - our standards contributions through ETSI and IETF

- Contact
  - us directly if you are interested in engaging in technology trials

FLAME Online

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