



FLAME

FACILITY FOR LARGE-SCALE ADAPTIVE MEDIA EXPERIMENTATION

Participatory Media

Media where the audience can play an active role in the process of collecting, reporting, analyzing and disseminating content

Klaas Baert

VRT Innovatie

BRINGING MEDIA AND TELCO TOGETHER IN THE 5G VALUE CHAIN



VRT Innovation





Experiment: Public debate

“USING PARTICIPATORY INTERACTIVE MEDIA, IN A LOCAL PUBLIC SPACE TO FOSTER SOCIAL INTERACTION”

Public debate



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ENVIRONMENT

What is your action to
lower our impact on our
planet?

PLEASE DO NOT REMOVE.
Contact: FLAME Project, Smart Internet Lab,
University of Bristol, Merchant Ventures Building,
Woodland Road, Clifton, Bristol, BS8 1UB.
T: 0017 931 5855
E: gg-flame@groups.bristol.ac.uk





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LEARNING & SKILLS

How do you want to
become a young
champion?

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ECONOMY

How to participate in a
sustainable and inclusive
economy?

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HOMES & COMMUNITIES

What changes may be made
in your school, home and
community to make them
more sustainable?

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HEALTH & WELLBEING

How can you contribute to
the health and wellbeing
in our future city?

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CONNECTIVITY

Design your future transport mean.
Tell us how it shall work and how it
looks. How can we imagine it?

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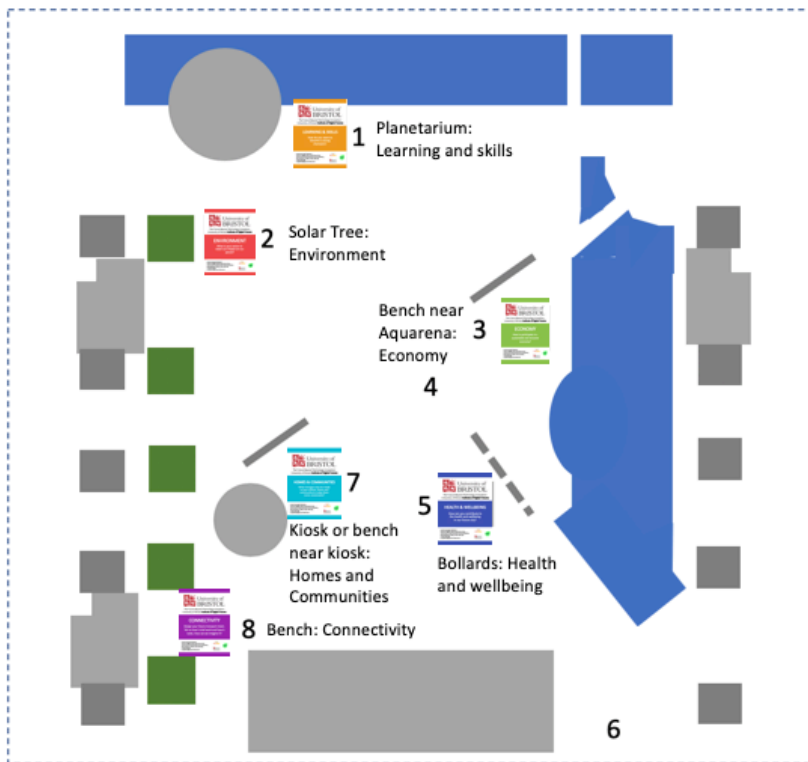


Public debate



- Topics on different locations
- Web app to get media about a certain topic
- Upload your own ideas
- Watch other contributions

Public debate

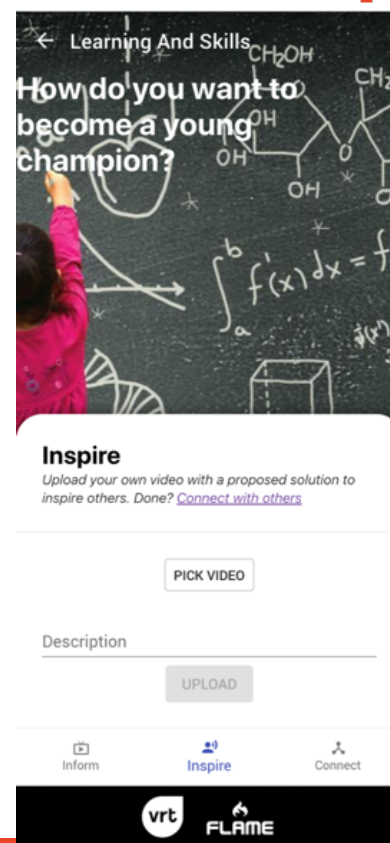
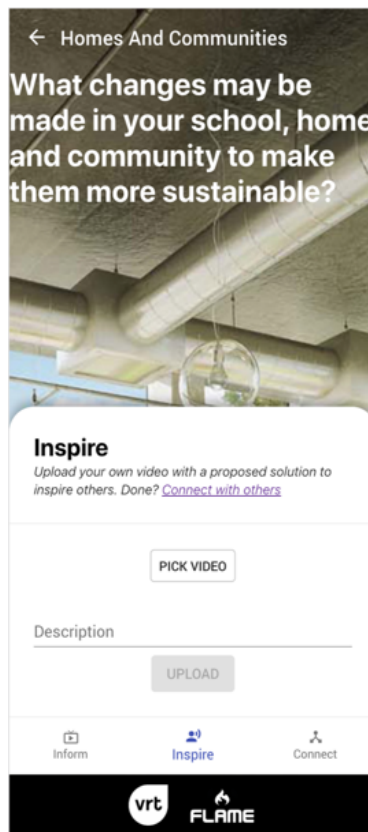
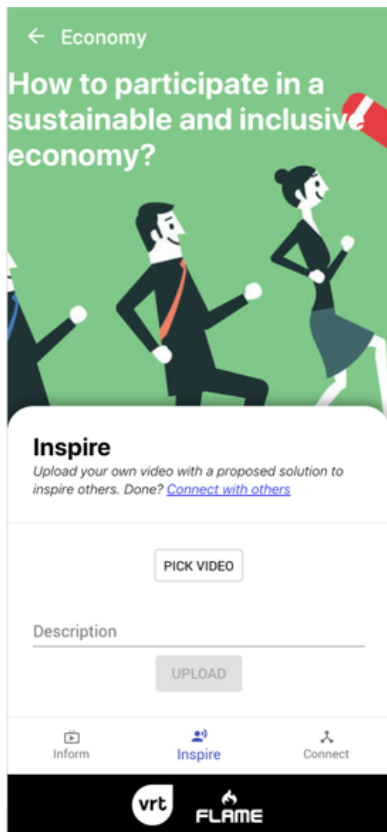


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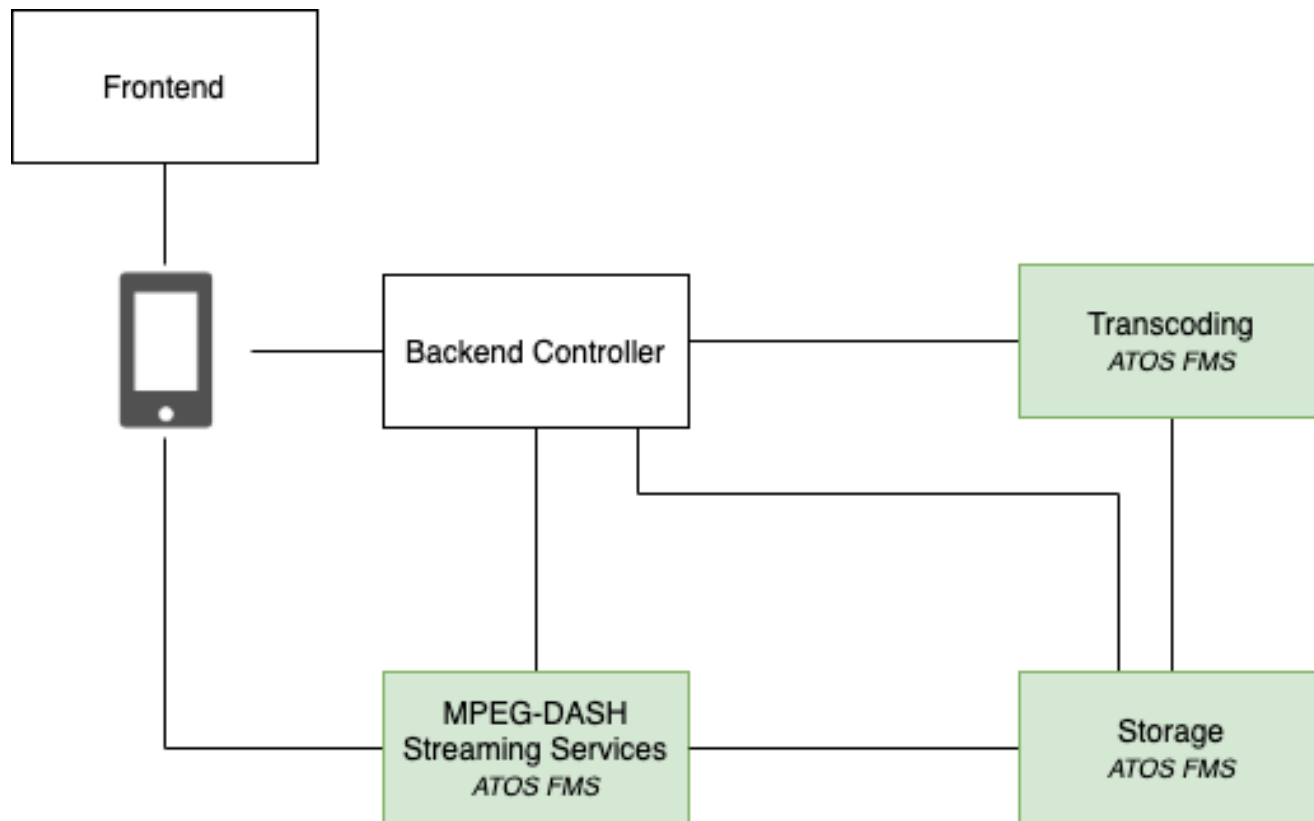
Public debate: Web app

Economy	Homes And Communities	Health And Wellbeing	Connectivity	Environment	Learning And Skills
<p>Bristol One City</p> <p>Economy is one of the priority thematic issues to life in Bristol. Explore Bristol's One City Plan on economy towards 2050.</p> <p>ackle persistent worklessness and economic exclusion economic growth through boosting productivity improved integration between neighborhoods and employers</p> <p>Look also for the other tags on the other topics: connectivity, environment, health and wellbeing, homes and communities, learning and skills.</p> <p>Have fun.</p> <p>ENTER</p>	<p>Bristol One City</p> <p>By 2050 everyone in Bristol will live in a home that meets their needs within a thriving and safe community</p> <p>Every person in Bristol will be able to live in a home that they can afford and which is secure and warm Bristol is a safe city for all citizens and provides a safe environment for future generations Everyone can play their part in powerful, connected, inclusive neighbourhoods with access to the things needed for a good life.</p> <p>Look also for the other tags on the other topics: connectivity, economy, environment, economy, learning and skills.</p> <p>Have fun</p> <p>ENTER</p>	<p>Bristol One City</p> <p>By 2050 everyone in Bristol will have the opportunity to live a life in which they are mentally and physically healthy.</p> <p>Mental health will be as important as physical health in Bristol Health inequalities will be reduced Children will grow up free of adverse childhood experiences having had the best start in life and support through their life.</p> <p>Look also for the other tags on the other topics: connectivity, environment, economy, homes and communities, learning and skills.</p> <p>Have fun</p> <p>ENTER</p>	<p>Bristol One City</p> <p>By 2050 everyone will be well- connected with digital services and transport that is efficient, sustainable and inclusive; supporting vibrant local neighborhoods and a thriving city centre.</p> <p>Transport is healthy, active, sustainable, safe and enables easy movement throughout the city The city is well connected, supporting access to employment, education and services for all World class urban communication infrastructure and services underpin all we do.</p> <p>Look also for the other tags on the other topics: environment, economy, health and wellbeing, homes and communities, learning and skills.</p> <p>Have fun</p> <p>ENTER</p>	<p>Bristol One City</p> <p>By 2050 Bristol will be a sustainable city, with low impact on our planet and a healthy environment for all. Bristol will be a carbon neutral city Everyone will have access to healthy, ethical and sustainably produced food Bristol will have an abundance of wildlife, all people will benefit from healthy natural environment.</p> <p>Look also for the other tags on the other topics: connectivity, economy, health and wellbeing, homes and communities, learning and skills.</p> <p>Have fun</p> <p>ENTER</p>	<p>Bristol One City</p> <p>By 2050 everyone in Bristol will have the best start in life, gaining the support and skills they need to thrive and prosper in adulthood</p> <p>School engagement and attendance has improved, as has the development of young people's life skills Improved support for children with Special Educational Needs and Looked After Children Improved post 16 offer developed with clear learning, employment and skills pathways.</p> <p>Look also for the other tags on the other topics: connectivity, economy, environment, economy, homes and communities</p> <p>Have fun</p> <p>ENTER</p>

Public debate: Web app



Translates into a FLAME SFC



Deployment



Policies

```
policies:
  - init:
      type: eu.ict-flame.policies.InitialPolicy
      description: Start the nodes initially
      triggers:
        initial_trigger:
          condition:
            constraint: initialise
          action:
            backend:
              dc8-sr3-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.connected
            frontend:
              t6-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.connected
              t4-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.placed
              t3-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.booted
              t1-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.booted
            storage:
              dc8-sr3-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.connected
            transx:
              t6-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.placed
              t4-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.connected
              t3-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.booted
              t1-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.booted
            streaming:
              t6-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.placed
              t4-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.connected
              t3-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.booted
              t1-sr1-cluster1-cluster: eu.ict-flame.sfe.state.lifecycle.booted
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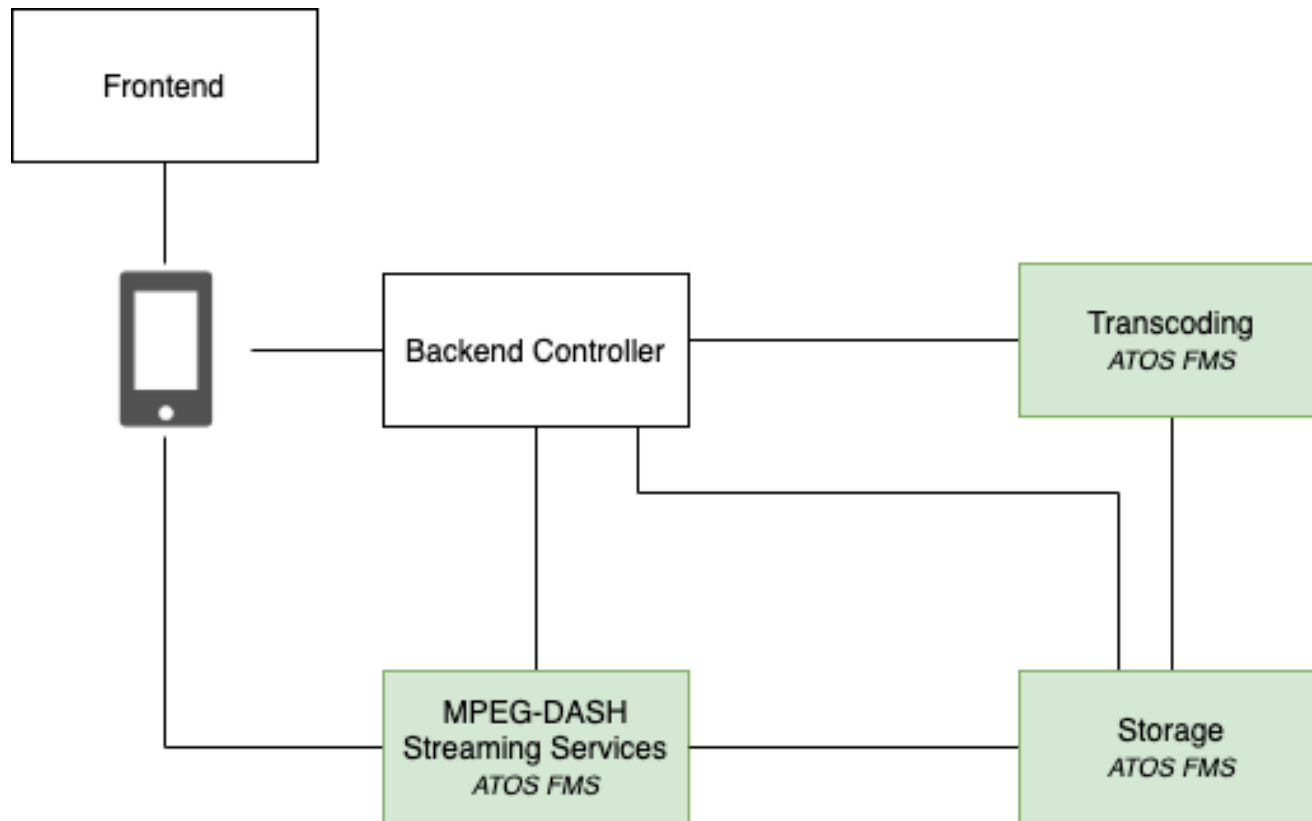


Technical test rather than a QoS/QoE analysis

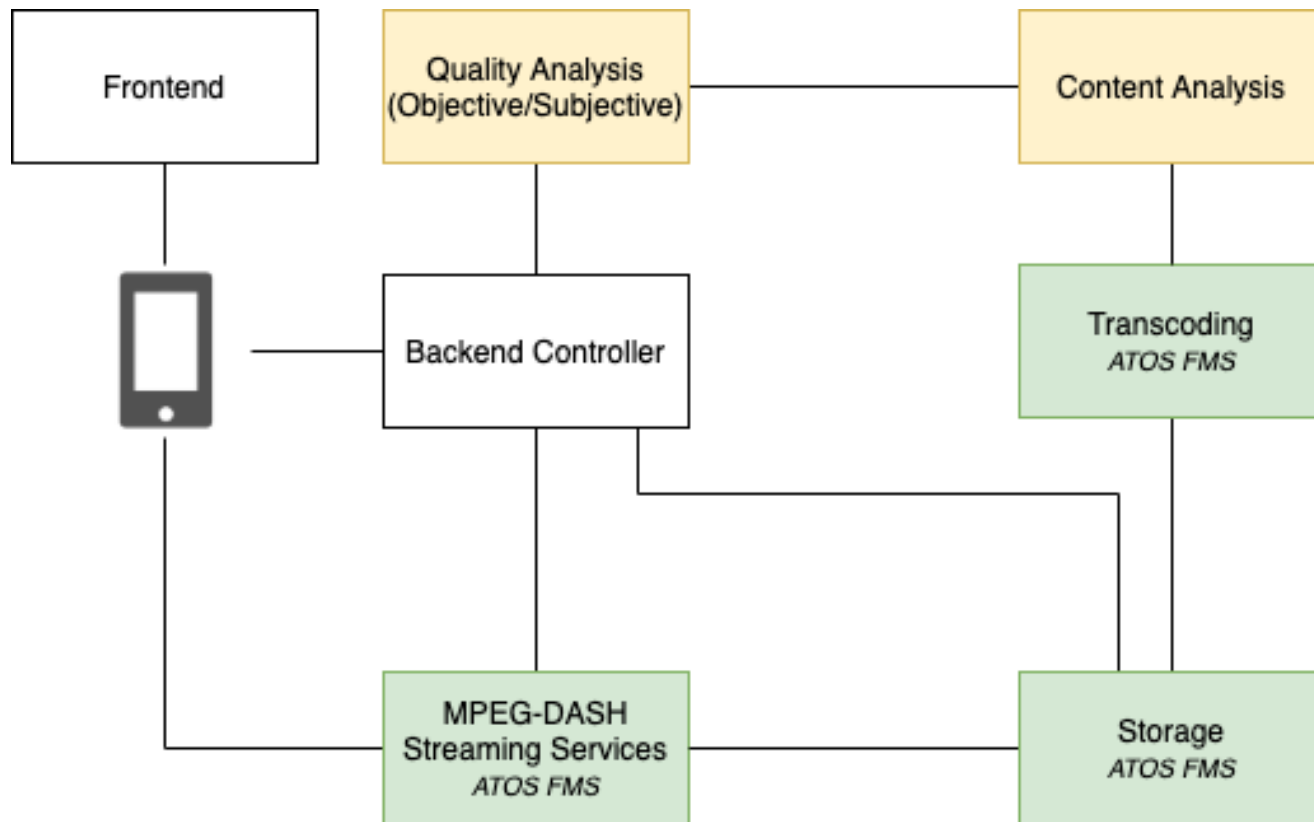


There is a benefit for Content Ingest: Future Media Services

Learnings: Cloud editing on low res video



Learnings: Future SFC could filter content





FLAME



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THANKS!



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