

# **Any Content Any Time**

***Collaborative multimedia experience over the  
Future Internet platform***

**Ahmet Kondoç**

I-LAB Multimedia Communication Research  
University of Surrey  
Guildford, Surrey, GU2 7XH, UK.  
a.kondoç@surrey.ac.uk

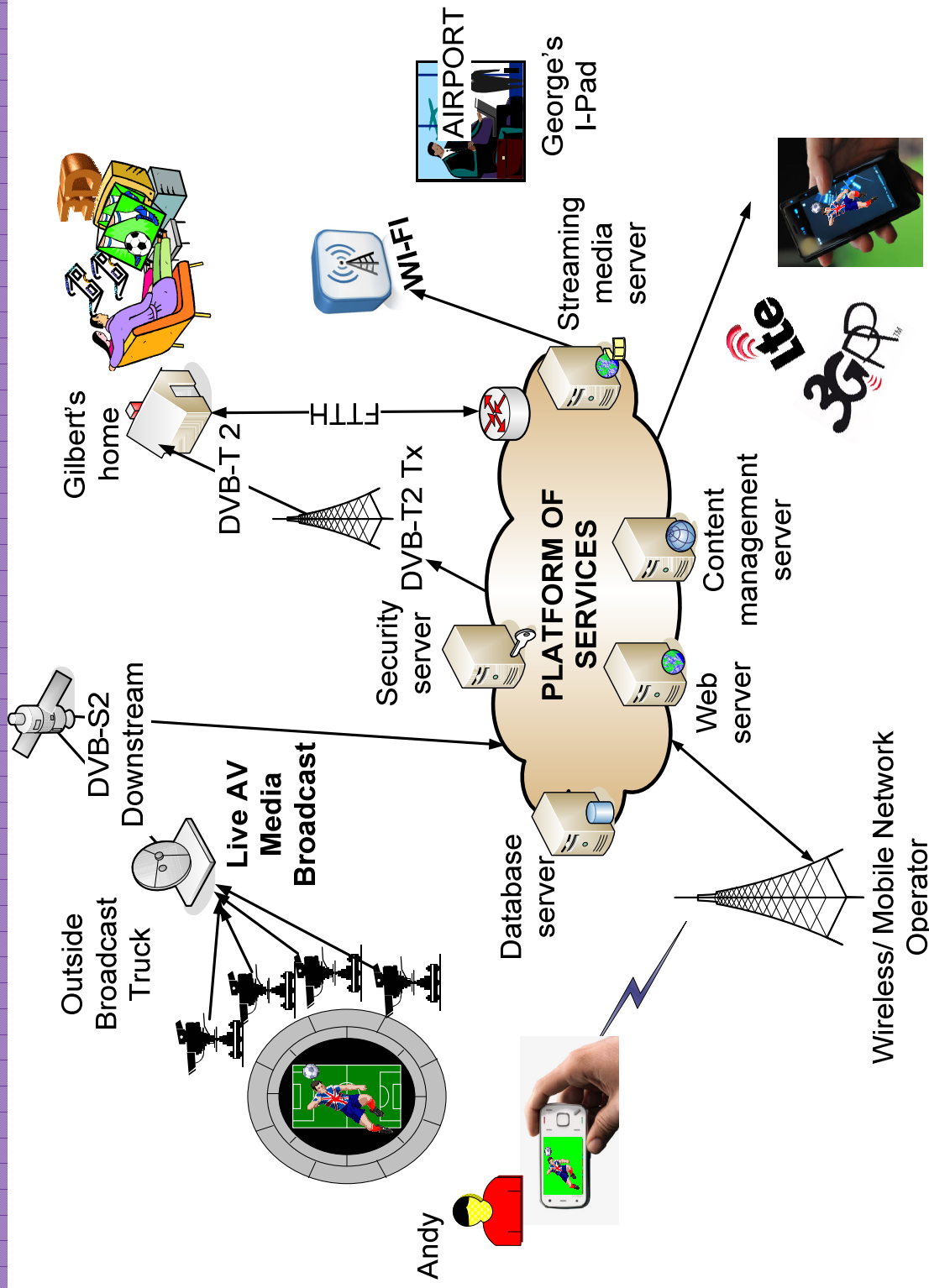


Aim: Develop a Content based use case scenario to:

- Help businesses and wealth creation process in Europe – A project that will have its own merits in moving Europe forward
- Be integrated with the Future Internet core platform to prove/validate its components by setting challenges for the Future Internet

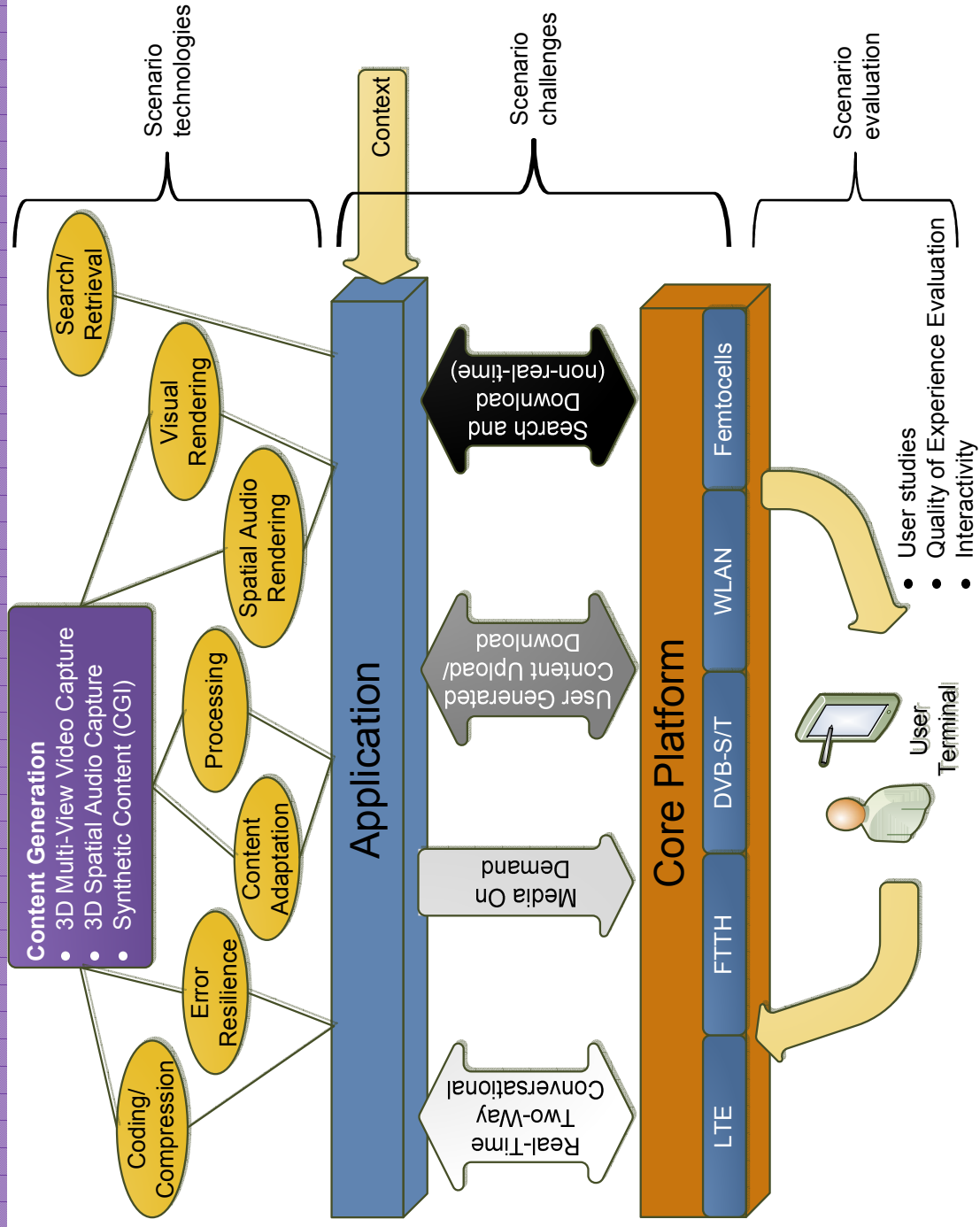


# ACAT Scenario





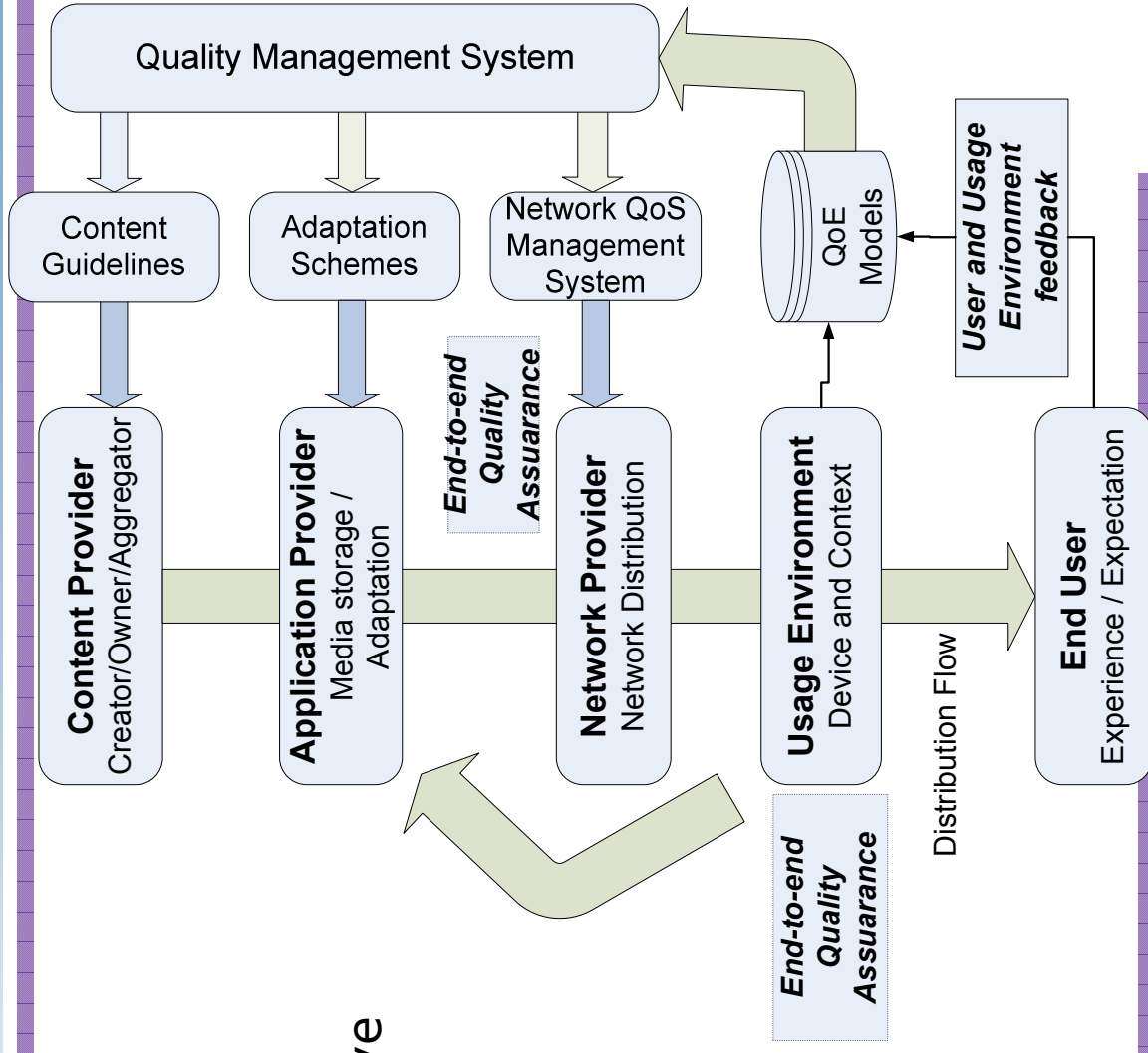
# ACAT Technologies





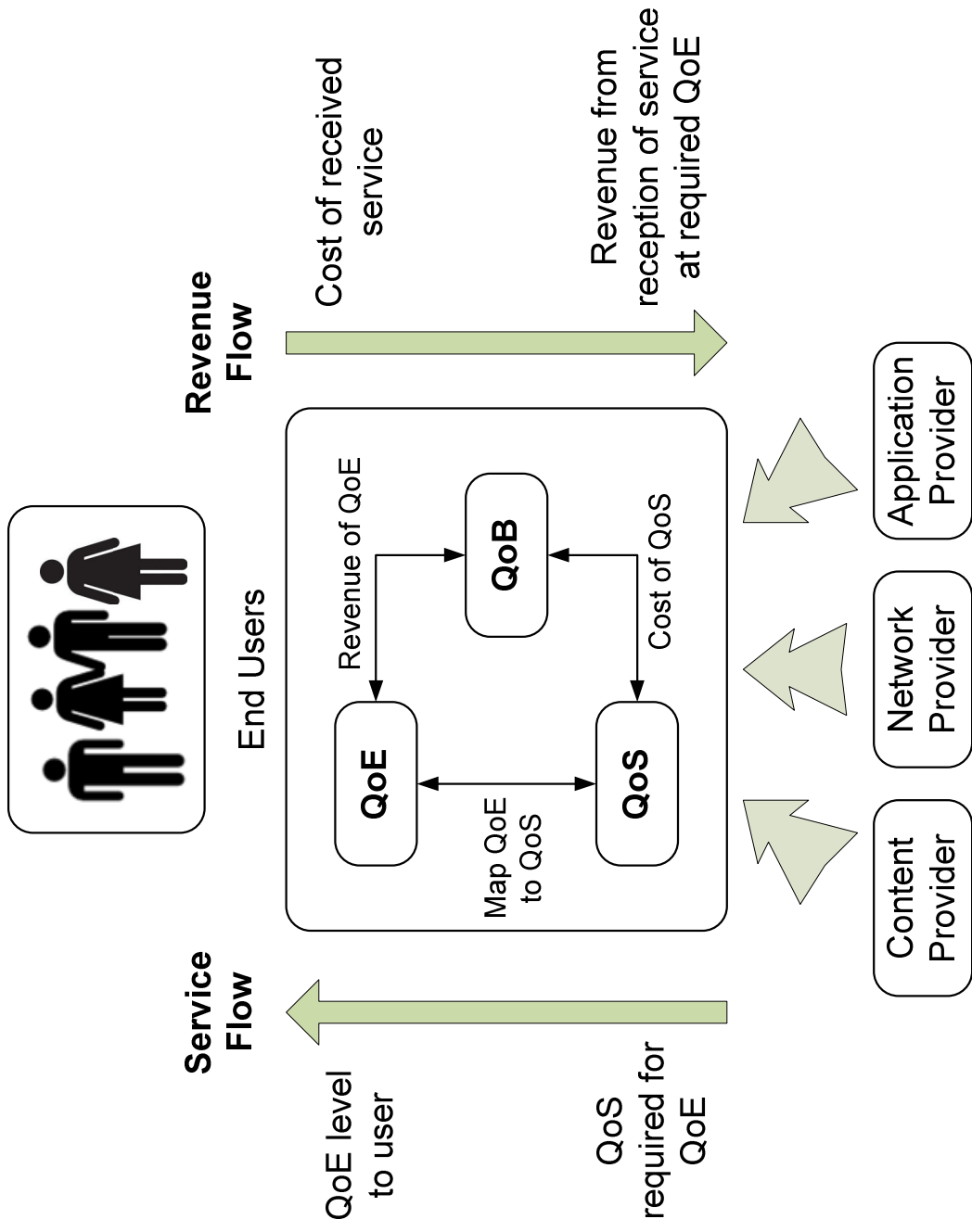
# Major Challenges...

- In each possible scenario, dynamically optimise the whole delivery chain to maximise QoE (closed loop)
- Automated translation of end-users' QoE into objective performance measures, by identifying KPIs of different applications
- **A Key integration aspect of the Content use case scenario with the Future Internet Core Platform**





# 3Q System Model





- **Multimedia Communication Systems Research**
  - Audio-Visual Data: Capturing, Compression (3D, MVC, MDC, Spatial Audio, SAOC), Rendering, Search and retrieval
  - Content Adaptation: Bandwidth (scalability, RoI), Channel, Terminal, User Choice, Context Aware
  - 3D audio/video quality measurement and end to end QoE modelling of the delivery chain
- **Long-Term Experience with EC projects – Currently a Core partner in MUSCADE and Coordinator of DIOMEDES**
- **Interest in Content Use Case and Core Platform projects to develop/integrate the Audio-Visual applications and their QoE modelling/evaluations including QoB modelling**