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## AROMA IST-4-027567

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### *Economic evaluation of AROMA all-IP architecture*

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#### **Abstract:**

This deliverable contains a qualitative techno-economic analysis of the technology trends and steps related to the evolution of 3GPP architectures, as envisaged by the AROMA all-IP architecture.

The purpose of the study is to evaluate the influences between economic values (CAPEX, OPEX, and Revenues), the economic drivers, and the technology evolution trends and steps in a qualitative way.

**Keyword list:** CAPEX, OPEX, Techno-economic issues, All IP architecture, 3GPP

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## EXECUTIVE SUMMARY

The deliverable contains a qualitative techno-economic analysis of the technology trends and steps related to the evolution of 3GPP architectures, as envisaged by the AROMA all-IP architecture. After giving some general scenario information related to the possible different foreseen evolutionary paths and keeping into account the recent and likely future trends, both from a technical and an economic point of view, the relations between technology and economics are explained in terms of qualitative tables which show how some technologies may influence/determine the economic aspects. Please note that the analysis carried out in this deliverable is not meant to provide any comparison between different options for network architectures, which is both out of scope of the document, and is of course determined by a lot of operator-specific characteristics, not applicable in a generic context like this one. The purpose of our study is on the other hand to evaluate the influences between economic values (CAPEX, OPEX, and Revenues), the economic drivers, and the technology evolution trends and steps in a qualitative way

## Table of Contents

|          |  |           |
|----------|--|-----------|
| <b>1</b> | <b>INTRODUCTION .....</b>  | <b>1</b>  |
| <b>2</b> | <b>AROMA ARCHITECTURE OVERVIEW .....</b>   | <b>1</b>  |
| 2.1      | 3GPP REFERENCE FRAMEWORK.....  | 1         |
| 2.1.1    | 3GPP R6 Network Architecture .....   | 1         |
| 2.1.1.1  | UTRAN and GERAN.....   | 1         |
| 2.1.1.2  | WLAN Interworking.....   | 2         |
| 2.1.2    | Long Term Evolution (LTE) and Service Architecture Evolution (SAE) .....               | 3         |
| 2.1.2.1  | Evolved Packet Core (EPC).....   | 3         |
| 2.1.2.2  | E-UTRAN.....   | 3         |
| 2.1.3    | HSPA Evolution .....   | 4         |
| 2.2      | AROMA ALL-IP REFERENCE NETWORK ARCHITECTURE .....                                      | 4         |
| 2.2.1    | IP-based RAN.....  | 5         |
| 2.2.2    | Medium-Term vision .....   | 6         |
| 2.2.3    | Long-Term vision.....  | 7         |
| <b>3</b> | <b>ECONOMIC PUSHES FOR EVOLUTION OF TODAY'S SYSTEMS.....</b>                           | <b>9</b>  |
| 3.1      | WIRELESS DATA MARKET TRENDS .....  | 9         |
| 3.2      | COMPETING TECHNOLOGIES.....  | 10        |
| 3.3      | TRENDS IN MOBILE APPLICATIONS AND SERVICES .....                                       | 11        |
| 3.4      | MARKET SEGMENTATION.....   | 12        |
| 3.5      | MOBILITY BETWEEN HETEROGENEOUS SYSTEMS.....  | 13        |
| 3.6      | EVOLUTION OF PLANNING TOOLS AND PLANNING PROCESS .....                                 | 14        |
| 3.7      | THE ROLE OF IMS.....   | 14        |
| <b>4</b> | <b>CLASSIFICATION OF ECONOMIC DRIVERS AND KEY FACTORS.....</b>                         | <b>15</b> |
| 4.1      | ECONOMIC DRIVERS AND KEY FACTORS .....   | 15        |
| 4.1.1    | Economic drivers categories .....  | 15        |
| 4.1.2    | Economic drivers list.....   | 16        |
| 4.1.2.1  | Preservation of investments made for existing systems .....                            | 16        |
| 4.1.2.2  | Gradualness in the introduction of new services.....                                   | 18        |
| 4.1.2.3  | User demand for better performances and greater mobility.....                          | 19        |
| 4.1.2.4  | Convergence between different industries (media, consumer electronics, ICT, etc.)..... | 21        |
| 4.1.2.5  | Spectrum management.....   | 22        |
| 4.1.2.6  | Updated IPR regime .....   | 22        |
| 4.1.2.7  | New emerging business models .....   | 23        |
| 4.1.2.8  | IP Convergence .....   | 25        |
| 4.1.2.9  | Social trends (community).....   | 26        |
| 4.1.3    | Synoptic table and conclusions .....   | 26        |
| <b>5</b> | <b>TECNOLOGY EVOLUTION TRENDS.....</b>   | <b>28</b> |
| 5.1      | OFDM BASED RADIO INTERFACES .....  | 28        |
| 5.2      | CORE NETWORK EVOLUTION.....  | 28        |
| 5.3      | THE ALL-IP PARADIGM .....  | 28        |
| 5.4      | TERMINAL AND APPLICATION EVOLUTION .....   | 29        |
| 5.5      | BROADCAST SOLUTIONS.....   | 29        |
| 5.6      | WLAN AND CELLULAR CONVERGENCE (GAN).....   | 30        |
| 5.7      | SYNOPTIC TABLE OF LINKS BETWEEN TECHNOLOGY TRENDS AND DRIVERS.....                     | 30        |
| 5.7.1    | OFDM based radio interfaces.....   | 30        |
| 5.7.2    | Core Network Evolution.....  | 31        |
| 5.7.3    | All-IP paradigm .....  | 31        |
| 5.7.4    | Terminal and application evolution.....  | 32        |
| 5.7.5    | Broadcast solutions .....  | 32        |
| 5.7.6    | WLAN and cellular convergence (GAN).....   | 33        |
| <b>6</b> | <b>TECHNOLOGY STEPS AND RELATION WITH DRIVER.....</b>                                  | <b>34</b> |
| 6.1      | SYNOPTIC TABLE.....  | 34        |
| 6.2      | TECHNOLOGY STEPS AND TIMESCALE.....  | 34        |
| 6.2.1    | MBMS & DVB-H .....   | 35        |
| 6.2.1.1  | Short description of the technology step .....   | 35        |

- 6.2.1.2 Influence on economic values ..... 40
- 6.2.2 *GAN* ..... 40
  - 6.2.2.1 Short description of the technology step ..... 40
  - 6.2.2.2 Influence on economic values ..... 40
- 6.2.3 *WiMAX* ..... 40
  - 6.2.3.1 Short description of the technology step ..... 40
  - 6.2.3.2 Influence on economic values ..... 40
- 6.2.4 *LTE/SAE* ..... 41
  - 6.2.4.1 Short description of the technology step ..... 41
  - 6.2.4.2 Influence on economic values ..... 41
- 6.2.5 *IMS* ..... 41
  - 6.2.5.1 Short description of the technology step ..... 41
  - 6.2.5.2 Influence on economic values ..... 41
- 7 CONCLUSIONS ..... 42**
- REFERENCES ..... 43**
- ACRONYMS ..... 45**