



OPERATION AND MAINTENANCE (OAM) PROJECT GROUP – CHARTER

Abstract: This OpenAirInterface (OAI) community PROJECT GROUP named the **OAM PROJECT GROUP** has been set up at the OpenAirInterface Software Alliance (OSA) with the goal of designing agile service platforms capable of providing fine-grained monitoring, control, and management of the underlying network infrastructure: RAN and Core Network.

The OAM software will be developed and distributed under the OAI Public License V1.1.

Output of the PROJECT GROUP: The OAM PROJECT GROUP will provide software implementations of the O-RAN E2 protocol, Flexible RAN intelligent controller (named FlexRIC), an Edge computing platform, and the O-RAN specific O1 interface capable of interfacing to third party SMO software. The final goal will be the delivery of an open and agile 5G service platform and a range of xApps for the OAI community.

Project Duration: Donors to the PG join for initial period of two years starting from the joining date. Each donor will freely evaluate its continued participation or not at the completion of two years of participation in the project.

Participating Members: The project will be open to software contributions from all interested members of the OAI community.

Donation and Human Resource Contributions: Given the significant volume of developments of software within OAM PG, as well as the aggressive timeframe envisioned, the project group seeks support of donors through monetary donations to enable the OSA to staff and manage the project. Donors of the Project Group are to come from among the Strategic Members of the Alliance. Given that the minimum duration of the project is two years, the donations are to be paid in two equal annual installments (see "Donation Levels" and "Voting Rights" below). Any extension to the project scope beyond the two-year period will be proposed by the Steering Committee (see "Governance Structure" below) and validated by the OSA Board of Directors ("Conseil d'administration").

Management of the Project: The day-to-day progress will be managed by the staff of the OpenAirInterface Software Alliance that will regularly report to a **Steering Committee**. This Committee will be composed of representatives from EURECOM, the founding member of the OSA, as well as the Strategic Members of OSA that are donors to the OAM PROJECT GROUP.

The Steering Committee will have the role of defining the technical orientations of the project, setting goals and objectives, and monitoring the progress of the project. Decisions on the Steering Committee will be taken through voting. Financial and recruitment decisions will be made according to the OAI statutes and bylaws, under the sole authority of the Board of Directors of the OSA



Endowment Fund (“Conseil d’administration du fond de dotation OAI”) in conformity with the OSA Board of Directors decisions.

Steering Committee and its Working: The Committee will consist of individuals representing their respective organizations including EURECOM, the founding member of OSA, as well as donors of the OAM PROJECT GROUP. Each individual will thus be a Member of the Steering Committee (SC).

The President of the OpenAirInterface Software Alliance, also a representative of EURECOM, the founding member of OSA, will be an *ex-officio* member of and will preside over the Steering Committee.

The Steering Committee will meet on a quarterly basis when called by its President to address any matters regarding the technical orientation as well as the status of developments in the project. The quarterly meeting will be the appropriate forum to discuss and take decisions on the topics that will be distributed as agenda to the Committee members fifteen days prior to the date of the meeting. The President of the Committee will propose an initial agenda to which any member could request addition of any other items.

Technical Oversight Committee: The evolution of the OAM architecture and software developments will be overseen by a Technical Oversight Committee (TOC) that will be appointed by the members of Steering Committee (SC). Each donor as well as EURECOM and the OSA will appoint one engineering delegate each to the TOC. The TOC will meet as and when required over the course of a regular set of meetings at its own initiative to closely follow the day to day technical evolution of the project as per the roadmap and will be responsible for ensuring the respect of the project timelines agreed with the SC. The TOC will submit regular progress reports to the SC.

PG Roadmap: The PG broadly focuses on OAM developments in compliance with (and where relevant, O-RAN) specifications. The roadmap is refined and updated every quarter and is displayed on the webpage of the PG: <https://openairinterface.org/oam-project-group/>

Donation Levels: There are three categories among which donor organizations involved in the OAM PROJECT GROUP are classified:

- ***Gold Donors:*** Organizations in this category donate **200,000€** per annum in monetary contribution to OSA.
- ***Silver Donors:*** Organizations in this category donate **100,000€** per annum in monetary contribution to OSA.
- ***Bronze Donors:*** Organizations in this category donate **50,000€** per annum in monetary contribution to OSA.

Voting Rights: As previously noted, individuals representing their respective organizations from among the Strategic Members who are also donors to the OAM PROJECT GROUP will each have a



seat at the Steering Committee. As Steering Committee Members, individual persons will have the following voting rights.

- **Gold Donors:** Three (3) votes
- **Silver Donors:** Two (2) votes
- **Bronze Donors:** One (1) vote
- **EURECOM (the Founding Member of the OSA):** Three (3) votes

Decisions at the SC will be taken through a vote. Resolutions will be adopted by two thirds majority.

Utilization and Allocation of the Donations: The main purpose of the collected donations is to give OSA the means of delivering the OAM software tools (for example by appointing staff within the development team), as well as procuring any testing tools and gear needed for the development process. The project will also be supported by the DevOps and Documentation team from the OSA that will help with the CI and CD tooling and quality management of the OAM software stack. Web presence as well as Press and Media exposure is expected to carry some additional costs. Some of the budget may also be used for exposure at industry events.

External Communications regarding the OAM PROJECT GROUP activities: Any external communication including those through the website and press releases will be proposed by the Steering Committee and will be validated by the Board of Directors of the OSA Endowment Fund (“Conseil d’administration du fonds de dotation OAI”).

DONOR’S SIGNATURE:

Donation Category

Signed name

Title

Print name

Company Name

Email address

Date