

# 5G-EmPOWER

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## 5G-EmPOWER



- **Website:** <http://5g-empower.io/>
- **Organization:** Fondazione Bruno Kessler
- **Contact:** [rriggio@fbk.eu](mailto:rriggio@fbk.eu)
- **Repository:** <https://github.com/5g-empower/>
- **License:** Apache 2.0
- **Status:** Active

**Project Description:** 5G-EmPOWER is an open Mobile Network Operating System for SDN&NFV research and experimentation in heterogeneous mobile networks. Its flexible architecture and the high-level programming APIs allow for fast prototyping of novel services and applications

### Further info

5G-EmPOWER blurs the line between radio and core network introducing the concept of Programmable Data Plane which abstracts the radio and packet processing resources available in a network and exposes them to network service developers via a high-level intent-driven application framework.

5G-EmPOWER natively support multi-tenancy allowing MVNOs to specify RRM policies separately for each slice while ensuring performance isolation between and efficient spectrum utilization.



- Link scientific paper(s)
- Link whitepaper(s)
- Link video(s)
- Link presentation(s)
- Link further resources