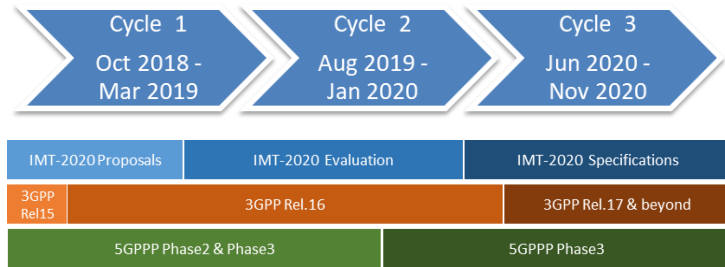


OUR VISION

5GENESIS aims at offering to the research community, the industry, the SMEs and especially the 5G verticals a Facility and an open set of tools to facilitate 5G and beyond experimentations. New 5G use cases and services could be run, new algorithms and novel technologies could be used in the Facility to assess the capability of the European-based R&D innovation to reach and exceed the 5G KPIs. This will be achieved by integrating highly diverse results and technologies from EU, global as well as internal (corporate) R&D projects, to “glue together” the 5G picture and unveil the potential of a truly full-stack, end-to-end 5G Facility, which can leverage the functionalities of five Platforms (see overleaf).



OUR ROAD MAP

In order to achieve a smooth evolution and a concurrent validation of the Facility, its development is organized into three main integration cycles, each one lasting for 6 months. The scope of each integration cycle is to upgrade each of the five experimentation Platforms with the latest technical achievements and results from all relevant R&D activities as well as to align it with the most current edition of the 5G standards. Each integration cycle will be followed by a 3-month testing phase.

OUR TEAM

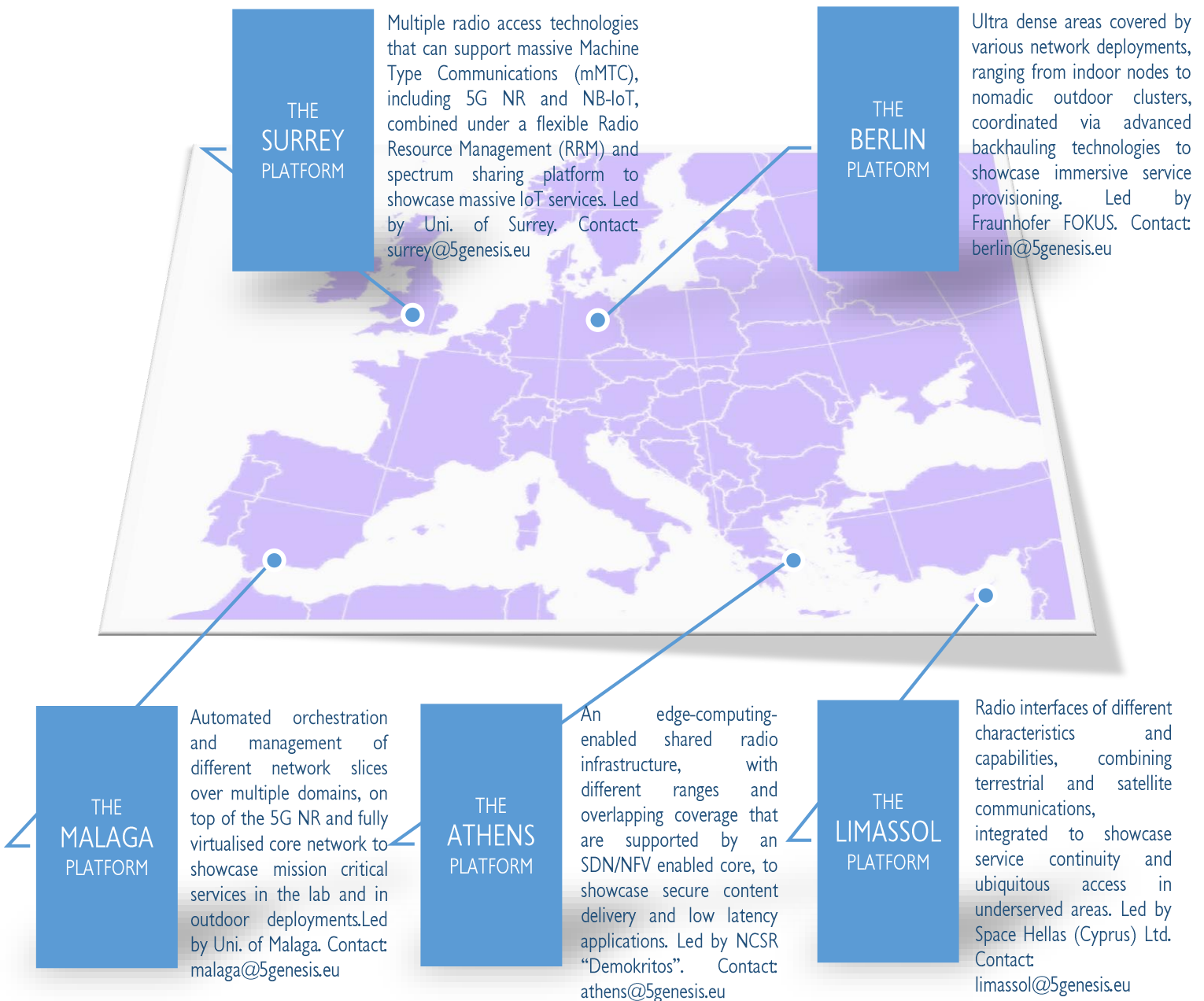
The 5GENESIS consortium was swiftly crafted in order to contain all the different expertise and experiences needed to make the 5G Facility a reality. Our consortium is built around the need for bringing together heterogeneous players, with the required expertise and background in 5G technologies and in the target testbeds and vertical sectors.

The consortium brings together 29 partners from 12 countries, (Germany, France, UK, Spain, Italy, Ireland, Israel, Greece, Cyprus, Norway, Sweden and Portugal)



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The 5GENESIS Facility is based on five end-to-end experimental Platforms, distributed across Europe, having complementary features, yet all implementing the full 5G stack. Each one of the five Platforms is associated to one consortium partner, which leads and steers the operations of the Platform, and acts as the main point of contact for verticals and entities external to 5GENESIS that would like to submit a request for experimentation.



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5GENESIS Project



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