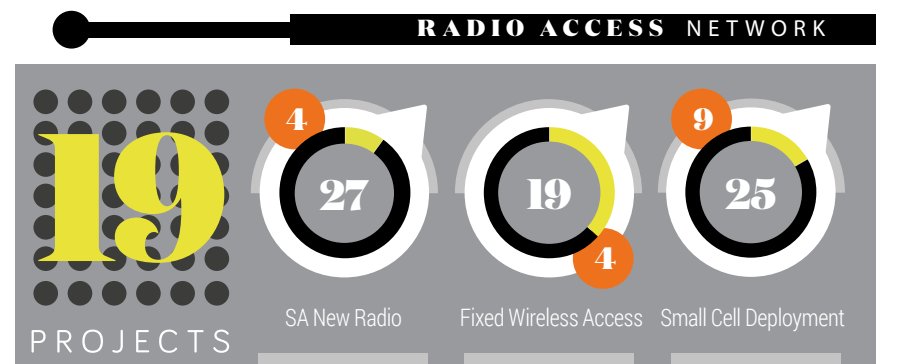
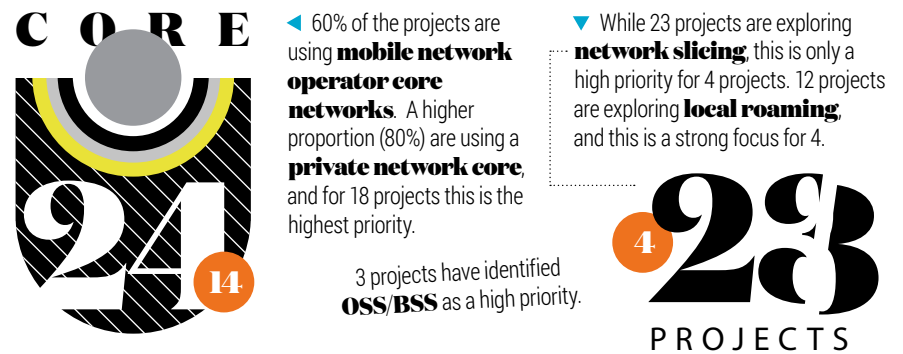


While 8 projects are exploring **dynamic access spectrum**, only 1 project is prioritising this [5G New Thinking]. 3 projects have identified **mmWave spectrum** as a high priority. None of the projects are prioritising **TV white space**.

8 PROJECTS



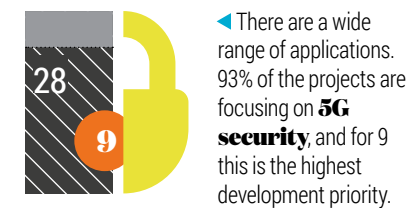
▲ state that they are investigating **Open RAN** or **Multi-Operator RAN** and for 6 of the projects this is the highest priority.

▲ 90% of the projects are deploying **standalone 5G new radio**.

▲ 63% of the projects (19) are investigating **fixed wireless access** - for 4 of the projects this is the highest priority.

▲ More projects are deploying **small cells** (83%) than are utilising **macro cells** (60%) - some projects are, of course, utilising both.

ENGINEERING FOCUS



17 PROJECTS state that they are exploring **artificial intelligence** and for 5 this is a high priority.

IOT

INTERNET OF THINGS

24 PROJECTS

◀ In all, 24 projects are deploying **IoT or sensor arrays**, and for 14 this is a high priority focus. More than half of the projects are investigating cellular IoT deployments (NB-IoT or LTE-M) - for two projects this is a high priority. 3 projects are deploying LoRA sensors and 1 project is looking at Sigfox

21 PROJECTS

◀ 21 projects have an **IoT platform** in their core - and for 8 projects this is a high priority.

18 PROJECTS

◀ 18 projects are looking at **asset tracking**, and for 7 this is a high priority.

INDUSTRIAL APPLICATION

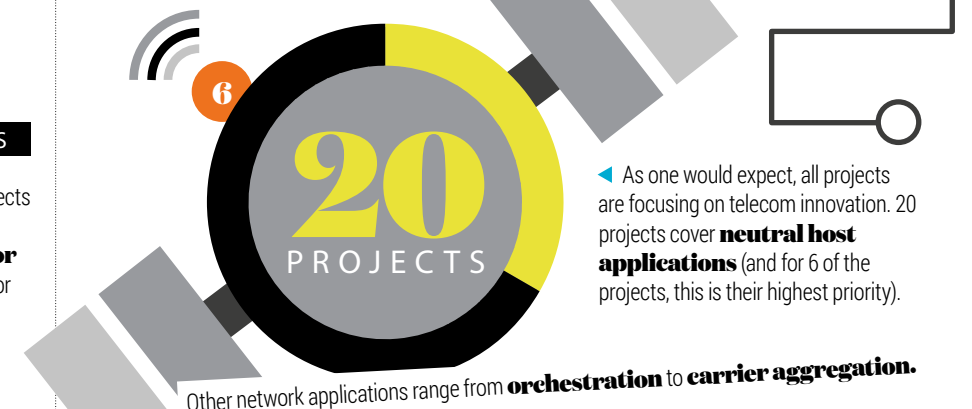
16 PROJECTS

◀ 16 projects are looking at **process control applications** with 3 projects stating this is their highest priority; business models such as **machine time** as a service are being investigated in 1 project.

For 4 projects, **predictive maintenance** is of the highest priority.

PONG AND MARELOT

TELECOM INNOVATION



ENTERTAINMENT AND MEDIA APPLICATIONS



IMMERSIVE TECHNOLOGIES



AUTOMATION

10 PROJECTS

◀ 10 projects state they are exploring **vehicle automation**, and in addition, real-time remote control and teleoperation applications are being investigated in specific projects.