Brainport Eindhoven 5G Testbed

Agile end-to-end evaluation platform, offering seamless interoperability, and rapid piloting of multiple business cases

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Agile Test Platform for Vertical Applications

5 Main Advantages

**Modular**
- Modular testbed approach means rapid evaluation of different components, hardware and software configurations when sourced from multiple suppliers.

**Benchmarking**
- Benchmark several approaches simultaneously. This enables partner companies to identify and develop best results earlier, giving significant go-to-market advantage.

**Open platform**
- Open collaborative platform benefits from the 5G KPI’s for test and validation of end-to-end applications. Campus ideal for urban-city simulations.

**New Service Creation**
- Faster new service exploration, creation and trialing to quickly validate complex business cases. Simplified transfer of relevant IP.

**Location**
- Strategically located in the centre of one of the leading European innovation regions. Nearby access to relevant knowledge (academic & enterprise) as well as advanced technology facilities.
Components, Subsystems, Full Testbed

Sub-6 GHz & mmWave Wireless Communications

Interconnect to partner 5G E2E testbeds

Interconnect to GÉANT European research data network

Interconnect to 5G demos in Groningen, NL

TU/e

U Twente

High-speed transmission lab, performance testing

TU/e

UseCase: Robotics

UseCase: Automotive

TU/e
Adapts to Multiple Business Cases

Digital Healthcare  | Automated Vehicles  | Cooperative Robotics

Smart Navigation  | Industrial IoT  | Smart Home  | Healthcare  | Security  | Agro-Tech Farming

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