

National IoT Plans: World Benchmarks for Industry, Utilities, Transport and Smart Cities

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Abstracts

The Internet of Things is leading to the transformation of the way a country can organise and reshape itself and its sectors and verticals, within the global context.

The primary areas today are in the organisation of industry and production, of energy use through utilities, of cities and city life becoming smarter and of transport infrastructure and modalities.

In the early stages of this transition, across and between verticals, there is a primordial role to be played by the enabling environment which can only be established through the instruments of regulation and legislation. With such facilitation by government, it becomes possible for all stakeholders to act – from government agencies, research bodies, the private sector and civil bodies, often in public-private partnership.

This study examines in depth the recent past, the animated present and the ambitious future of national IoT plans in industry, utilities, the smart city and transport.

In addition to detailed reviews of national regulation and facilitation, it pays due attention to the innovative actions of research and the private sector.

The countries covered by this study are Brazil, China, France, Germany, India, Italy, Norway, Russia, South Korea, Spain, Turkey, the UK and the USA.

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