



Regulatory Test Beds – Enabling Innovation and Advancing Regulation

Regulatory Test Beds (RTB) as a framework for testing innovation and regulation:

- > provide settings for **testing digital innovations and developing a smart regulatory framework**;
- > are **operated for a specific length of time** and are usually **restricted to a certain area**;
- > help to **review existing regulations and test out new ones**;
- > make use of flexibility in the legal framework, e.g. provided in **experimentation clauses**;
- > are **not tied to any fixed expectations in terms of their findings**;
- > are an important **instrument for developing regulatory policy for digitalisation**.

Regulatory Test Beds are of importance because:

- > they help unlock the potential for **Germany** to position itself as a pioneer for innovation testing and to present itself **as an innovation-friendly investment destination**;
- > a forward-thinking and **modern regulatory framework** must be able to cater for technological change that advantages consumers, companies and society;
- > they enable **regulation to be designed to be efficient and bureaucracy to be reduced**;
- > they make it possible to ensure that ‘smart’ **regulation is adaptable, effective, innovation-friendly as well as accepted by the general public** and also provide an appropriate level of **protection**;
- > they are a cross-cutting instrument that can be used for various fields of innovation, such as AI, blockchain, digital platforms, sharing economy, eHealth, modern mobility and logistics solutions, digital administration and energy research.

We want to:

... **systematically create Regulatory Test Beds in Germany**, boost a **culture of testing and experimentation**, foster greater **openness for digital innovations**, use the potential of digital innovations to benefit consumers, and raise the level of **acceptance for regulation** among business and the general public.

In order to realise these objectives, we have developed an **implementation strategy** consisting of three pillars. We follow a **bottom-up approach**, i.e. project ideas are to come from businesses in the first place.

Pillar I

Pro-innovation regulation, flexibility

- > Foster (greater) use and development of experimentation clauses
- > Reviewing further instruments such as general clauses

Pillar II

Information and networking

- > Regulatory Test Beds handbook
- > Regulatory Test Beds network
- > Gov’t Working Group
- > Website

Pillar III

Launch and support

- > Pilot projects
- > Regular Regulatory Test Beds competitions
- > Support for existing Regulatory Test Beds (SINTEG*, energy research etc.)

* Smart Energy Showcases – Digital Agenda for the Energy Transition, a programme operated by the Federal Ministry for Economic Affairs and Energy which addresses technical, economic and regulatory challenges linked to the energy transition, doing so on the basis of an experimentation clause.