



IGF Internet
Governance
Forum



IoT Global Good Practice
www.iot-dynamic-coalition.org

Maarten Botterman, IGF NL, 28 September 2017, Amsterdam

Building Global Trust in the Internet of Things

THE IGF DYNAMIC COALITION ON IOT BRINGS TOGETHER STAKEHOLDERS FROM ALL OVER THE WORLD TO ENGAGE IN A DIALOGUE ON “GOOD PRACTICE” IN IOT, WITH THE INTENT TO FIND A REALISTIC AND ETHICAL WAY FORWARD

Benefits ... and challenges

- ▶ New technologies bring us ways to respond to today's challenges that never existed before ... and come with new challenges
- ▶ As technologies are not good or bad in themselves – it is how we use them.

Societal challenges

Healthcare;
Independent living;
Secure society;
Sustainable society

Economic challenges

Innovation; growth;
profit

Environmental challenges

Scarce resources;
waste reduction;
environmental
monitoring



Governance

Global standards, open
standards,
multistakeholder
involvement, ethical
IoT

Privacy and data collection

Big data issues, cloud
issues (location,
jurisdiction,
accountability),
digital literacy

Security

Access, Autonomous
systems, cyber attacks
on new end points

Internet of Things Good Practice Principle

- ▶ *Internet of Things Good Practice aims at developing IoT products, ecosystems and services **taking ethical considerations into account from the outset**, both in the development, deployment and use phases of the life cycle, **thus to find an ethical, sustainable way ahead** using IoT helping to **create a free, secure and enabling rights based environment: a future we want.***

(IGF Dynamic Coalition on IoT: “IoT Good Practice policies”)

IGF DC IoT thinking in summary

Embrace IoT to address societal challenges in an ethical way

- ▶ We need IoT to keep this world manageable

Create an IoT environment that encourages investments

- ▶ Involve all stakeholders
- ▶ Create ecosystem
- ▶ Stimulate awareness and feedback
- ▶ Provide legal clarity and review the legal mechanisms

Ensure emergence of a trusted IoT environment

- ▶ Meaningful transparency
- ▶ Clear accountability
- ▶ Real choice

More information

- ▶ Read more about the previous work of DC IoT:
<http://www.iot-dynamic-coalition.org/>
- ▶ Sign up for the DC IoT mailing list:
http://intgovforum.org/mailman/listinfo/dc_iot_intgovforum.org
- ▶ Contact Maarten Botterman
maarten@gnksconsult.com



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