INSTUCTIONS

I WANT TO USE THIS TOOLKIT!

TOOLKIT

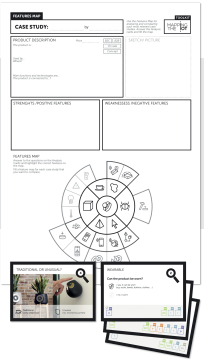
MAPPING THE IOT

WHAT **"Mapping the IoT" is an open source Toolkit that offers support during the design of smart products (IoT products, but also unconnected electronics). Its aim is to promote critical reflection: it is a tool that asks questions, to design for what really matters, to design smarter products**.

WHEN It that can be used **alone** or within **multidisciplinary teams** especially during a project's problem-framing phase, idea generation, concept development and evaluation. It doesn't need a facilitator and can be used both in an **unstructured or structured way**, by following different exercises specified on the "Activity guides", or simply as inspiration.

WHY The main benefit is that the Toolkit can be used to strenghten and develop your **existing smart-product ideas**. This makes the Toolkit suitable for designers, startups, makers, and whoever wants to design something "smart". The tool offers methodological **support**, promotes discussion and, by exploring different perspectives, aims to identify relevant aspects, issues and new opportunities.

THE ELEMENTS



Activity guides.

Are **instructional** elements that will assist you in using the Toolkit and reaching your goal.

The **four supported activities** are:

"I want to start a new project"
"I want to analyze smart products"
"I want to brainstorm ideas"
"I want to make my idea better"

The deck.

The deck will support you during different activities. The **two-sided cards** provide **questions**, and different perspectives.
The horizontal side provides a topic, the vertical side deepens it.

It is divided in **7 sections**: Strategy, User & Context, Design, Interaction, Technology, Experience, Meaning.

Analysis cards & feature map.

Follow the "I want to analyze smart products" guide and get ready for a **structured activity** that will let you analyze, identify and compare features of different **case studies**. The Analysis cards may also be used for analyzing your own smart-product idea highlighting a **personalized** selection of Deck cards

HOW TO USE IT?

DOWNLOAD AND PRINT THE TOOLKIT mappingtheiot.polimi.it/downloads

The title of each file specifies the print format and details (e.g. A4_double sided_mirrored)

CHOOSE A SPECIFIC ACTIVITY

Pick an Activity Guide and follow the instructions. Different activities may require additional elements, like canvases, to be filled

USE THE CARDS ALONE OR WITH YOUR TEAM

...As an inspiration, as library of knowledge, for exploring different perspectives, to identify possible issues and opportunities

CREDITS

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The "Mapping The IoT Toolkit" is a project born at Politecnico di Milano, Design Department and developed by Ilaria Vitali & Venanzio Arquilla