inSites
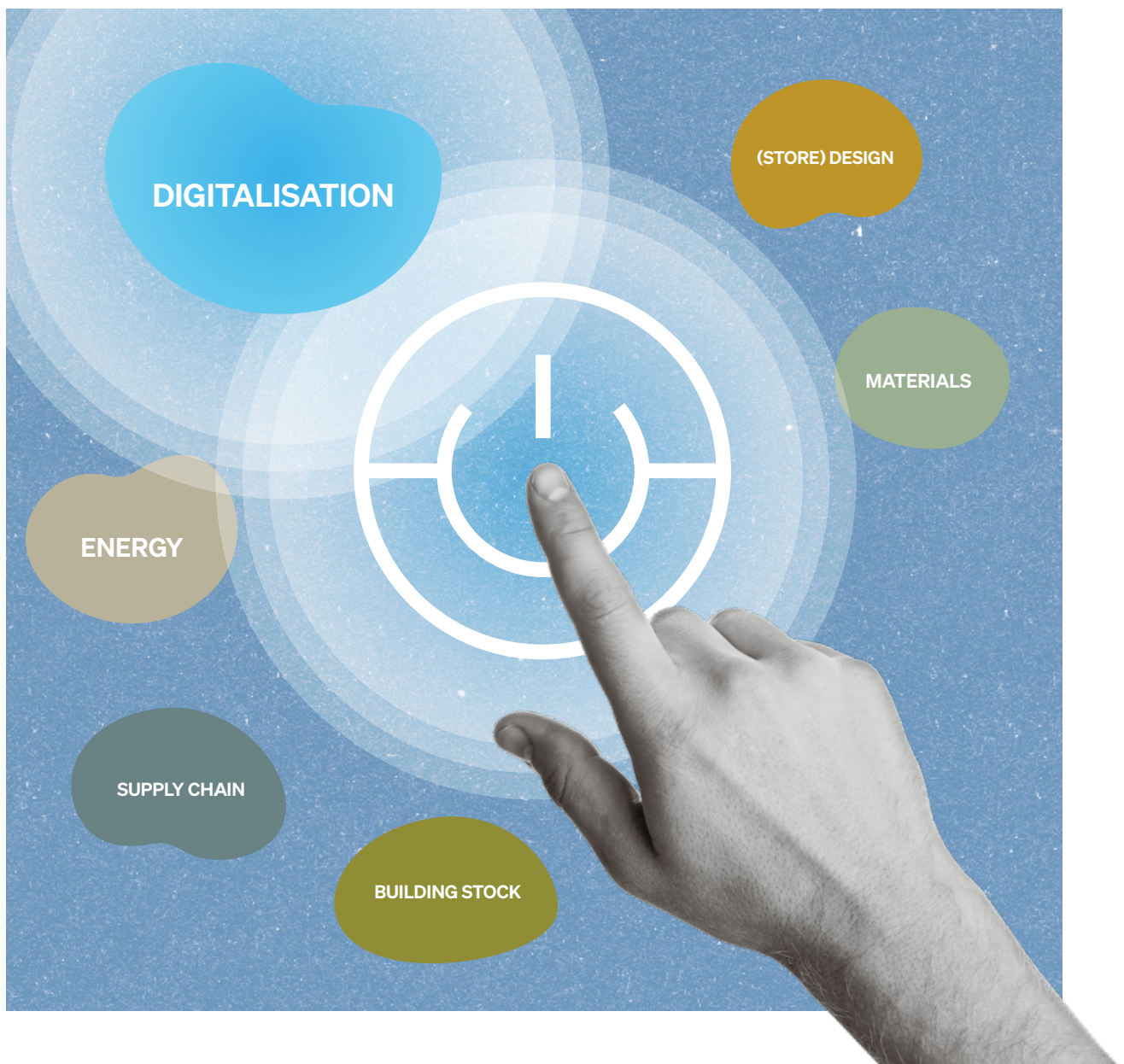
Unlocking Insights from the World of Placemaking

DIGITAL ECO-LOGIC

How digitalisation and sustainability become partners

DIGITALISATION

(STORE) DESIGN

MATERIALS

ENERGY

SUPPLY CHAIN

BUILDING STOCK

umdasch
THE STORE MAKERS

INTRODUCTION
Where trends meet spaces

inSites is the new online format from umdasch The Store Makers. It deals with developments, trends and innovations in the creation of spaces. The name says it all: the format aims to provide in-depth insights into different places (sites) - be it retail spaces, offices, food courts or other exciting meeting spaces. inSites shows what moves the placemaking industry: it uncovers backgrounds, sheds light on complex topics and focuses on the people who work every day to make spaces more functional, aesthetic and sustainable - in short: better.

inSites goes green in 2024

Sustainability is the main theme running through 2024 inSites, with everything revolving around the umdasch Sustainability Guide. This was created by the Store Makers after the umdasch exhibition at EuroShop 2023. Under the motto "Plant an idea", visitors to the most important industry event for the retail sector were invited to record their ideas for a sustainable point of sale on the umdasch Sustainability Tree.

Many exciting and valuable contributions were collected, from which a comprehensive guide with six sustainability focal points was created - with the most important resource at the centre: people. Because successful, sustainable spaces can only be created through joint action.

Your Store Makers from umdasch wish you inspiring reading!

EXECUTIVE SUMMARY ⬇

The third edition of the umdasch online format inSites is dedicated to the topic of digitalisation in four chapters and deals with how digital solutions can be operated innovatively and sustainably at the point of sale and in other spaces.

Under the title "When virtual and real merge", Building Information Modelling is presented as a software-based working method for the networked planning, construction and management of buildings and spaces. "Innovative, digital, sustainable", this inSites provides insights into the smart world of digital-sustainable offerings based on three specific solutions (Electronic Shelf Labelling, Smart Bakery Box, Liquid Dispenser) from umdasch The Store Makers. The importance of energy-efficient lighting is emphasised in the chapter "Light, smartly staged". The focus here is on aspects such as saving electricity and light-controlled well-being. How digital signage solutions can be designed in an ecological and resource-saving way is discussed under the heading "Green signposted".

The "Conclusion" summarises why smart digitalisation and sustainability are not opponents, but rather inseparable partners on the path to the future.

UMDASCH SUSTAINABILITY GUIDE
The Way to Sustainable (Retail) Environments

The six focal points do not stand alone, but are interlinked. Follow the lines in the guide to see which topics influence the area of digitalisation. These lines will lead you to the individual sub-chapters of the Trend Paper.

(STORE) DESIGN

Refurbishment/Reuse
Energy-Efficient Lighting

ECO-DESIGN

ENERGY

Energy-Efficient Building Operation
Renewable Energy
Green Digital Signage

ENERGY TRANSITION

DIGITALISATION

Building Information Modelling (BIM)
Digital Solutions and Products

DIGITAL INNOVATIONS

MATERIALS

Sustainable Materials
Recycling/Upcycling
Sustainable Sourcing
Certifications

CIRCULARITY

BUILDING STOCK

Sustainable Building Solutions
Reduction of Emissions
Use of Existing Building Stock

RENOVATION

SUPPLY CHAIN

Packaging
Logistics
Transparency, Integrity, Compliance

COLLABORATION

PEOPLE

BUILDING INFORMATION MODELLING (BIM)

WHEN VIRTUAL AND REAL MERGE

When it comes to the construction and design of buildings and retail spaces, there will be no way around Building Information Modelling, or BIM for short, in the future. According to experts, the economic and ecological added value in construction and design projects is beyond question.

BIM

| BUILDING | INFORMATION | MODELING | SOFTWARE | DESIGN | PLAN | COMPUTER |
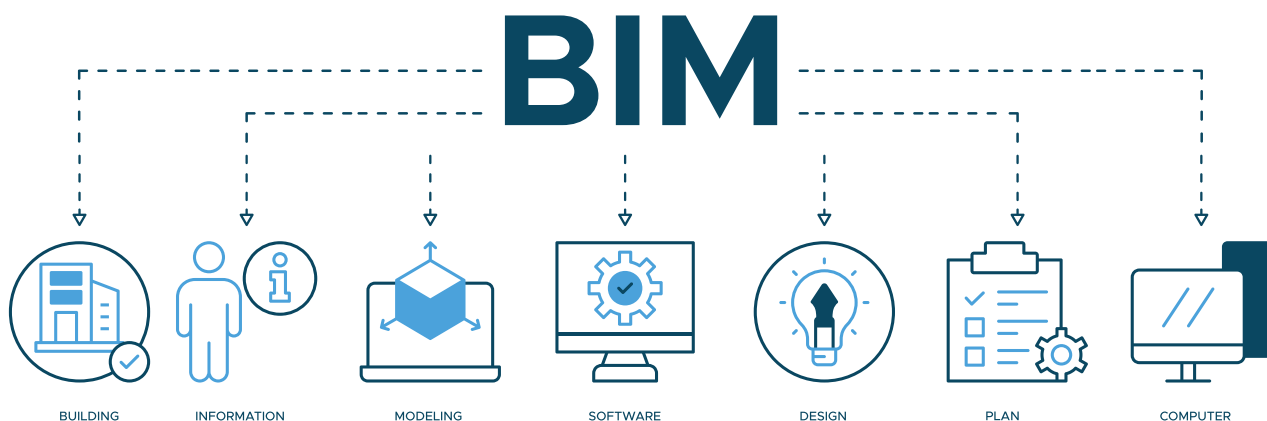
> **"These virtual replicas of physical spaces allow us to simulate real-life scenarios, proactively identify potential problems and optimise performance."**

EMILIAN-TEODOR POP
TEAMLEAD BIM/CAD
UMDASCH THE STORE MAKERS

It almost sounds like something from another era: a thoroughly digitalised, networked working method for the planning, construction and management of buildings and spaces. All relevant building data is digitally modelled, combined and recorded. The parties involved in the process are also networked, from the client to the architect to the traditional trades and those responsible for the construction site. They all have real-time access to the system data.

BIM not only stands for sophisticated software, but much more for a methodical system that can be used in every phase of a project. In the software itself, highly precise modelling tools enable engineers, architects and designers to take a close look at the interactions of their design with the environment.

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TO READ THE FULL PAPER!

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