

watts

Empowering
Energy
Transition

Management

wattss services ag *
wattss ag

Domicile **Frauenfeld, Thurgau, Switzerland**
Founded **2011** (wattss services ag), **2024** (wattss ag)
Employees **11**

Core competencies

- Project development for energy storage
- Investments in battery storage
- Management of SPVs (MW Storage Companies)
- Software development for energy trading & CRM
- Consulting & implementation in renewable energy

Energy market skills

- Structured energy procurement & billing solutions
- Renewable energy certificates
- Key account management: hydropower & energy trading

Business development skills

- Asset pooling for reserve & energy markets
- Market analysis & strategic consulting for energy suppliers

* former De Lorean
Power GmbH

wattss



President **Marco Rüegg, Swiss**
Date of birth **3rd of July 1974**
Civil status **married, 3 kids**

Graduate Mechanical Engineer FH
Executive Master of Marketing (CRM), FH
Former Cantonal Councillor of Thurgau

Team

Marco Rüegg



CEO

Marcel Thoutberger



Sales

Bardhyl Bajrami



Projects

Osman Bajrami



Projects

Thomas Prohaska



Projects

Marco Mancuso**



Projects

Burim Islami*



Projects

Kristine Rüegg



Administration

Karin Kuyper



Administration

Karin Reff



Administration

Team



“

Anyone who listens carefully understands everything.

MARCO RÜEGG

Managing Partner

As I have a wide range of interests, my life is characterised by many entrepreneurial experiences. As an engineer, I am familiar with technical challenges and solutions. As a management consultant for standard and customised software, I know how to organise and automate processes efficiently, and with a Master's degree in marketing with a focus on CRM, I can focus on customer needs. A highlight of my career in 2020 was my involvement in the construction of what was then the largest battery storage facility in Switzerland.)

watts

Team



“

Don't be the prisoner of your past, but the architect of your future.

MARCEL THOUTBERGER
Sales Manager

I worked in strategic purchasing for several years, specialising in global value chains. As a Senior Value Chain Manager, I have extensive experience in international procurement processes. I also support companies in digitalisation, supply chain optimisation and global sourcing and have worked in various consulting mandates.

Team



“

Life is like riding a bicycle.
To keep your balance, you must
keep moving. – Albert Einstein

BARDHYL BAJRAMI **Project Manager**

The planning and monitoring of BESS systems is one of my core competences and I have management experience in occupational safety and health protection. I have been a lead auditor for ISO 45001, ISO 14001 and ISO 9001 and my academic background includes a Bachelor and Master of Science in Process Engineering.

Team



“

I drive the transition to renewable energy by deploying BESS with partners, ensuring a reliable, efficient, and sustainable future.

OSMAN BAJRAMI

Project Manager

I have over 20 years of experience in industry, particularly in electrical and mechanical engineering. I specialise in project management and global project management. In recent years, I have managed numerous software rollouts and digitalisation projects. I also have in-depth knowledge of data analysis and IT project management.

Team



“

Clean energy deserves smart storage.

THOMAS PROHASKA
Project Manager

After studying electrical engineering and information technology at ETH Zurich, I specialised in sustainable energy and mobility solutions. My focus is on battery technologies for e-mobility. I worked as a system engineer for traction systems and product manager for high-voltage batteries.

watts

Team



“

Life isn't about waiting for the storm to pass, it's about learning how to dance in the rain.

KARIN KUYPER

Office Manager

As Office Manager, I take on a wide range of administrative tasks - from administration to marketing. After my basic training in the hospitality industry and my further training in the fitness sector, I joined wattss in this exciting role.

Team



“

Love, cohesion and responsibility shape our future.

KARIN REFF

Office Manager

My work as an executive assistant and office manager is based on a solid commercial education with several years of experience as an executive assistant. I have a vocational baccalaureate and have completed a commercial apprenticeship.

Team

Externals

Reto Bärlocher



Graphic
Design

Marco Cau



Marketing
Services

Rodolfo Intaglietta



Accounting
Services

Thomas Kiefer



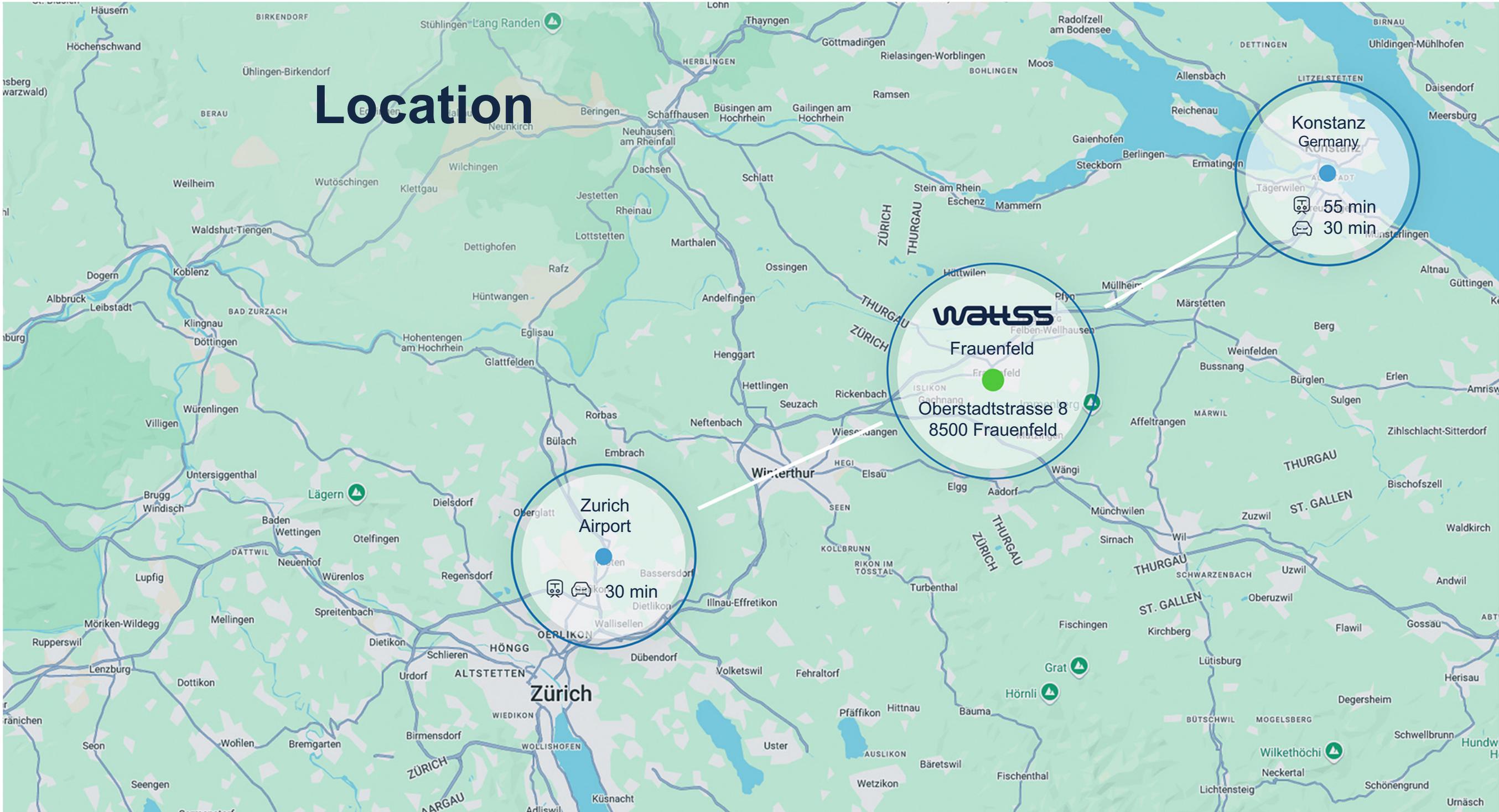
Staffing
Consultant

Christian Speckhardt

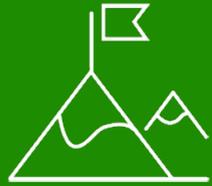


Financing
Consultant

Location



MISSION

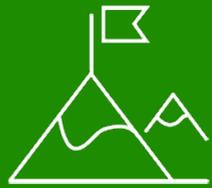


Empowering Energy Transition

For the new era of renewable energy, energy storage solutions are essential.
We are committed to driving meaningful change in the energy transition.



MISSION



Empowering Energy Transition Challenges



Nuclear phase-out
& reduction of fossil fuels



Transition away from
fossil-based solutions

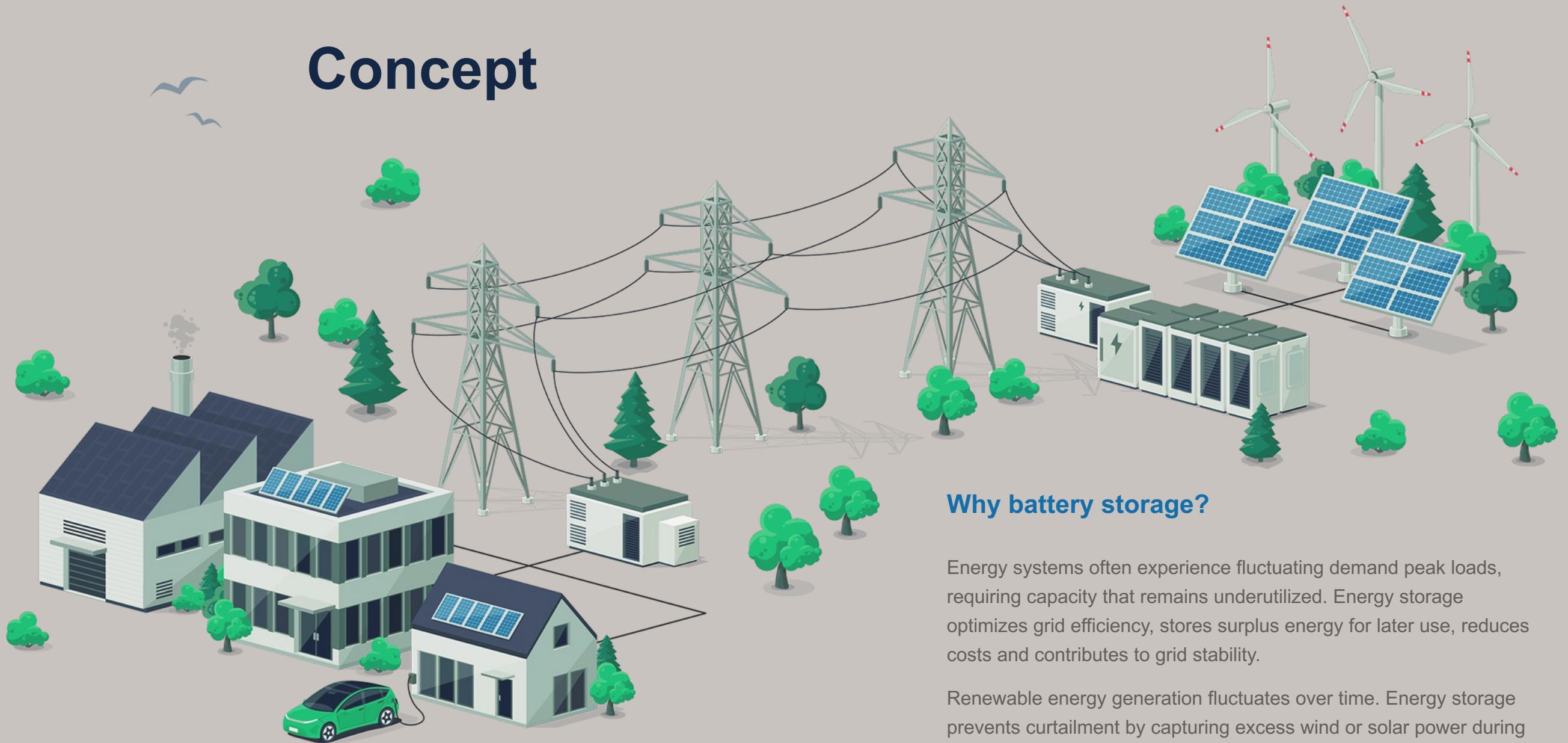


Rapid expansion of
renewable energy sources



Grid conversion from
centralized to decentralized

Concept



Why battery storage?

Energy systems often experience fluctuating demand peak loads, requiring capacity that remains underutilized. Energy storage optimizes grid efficiency, stores surplus energy for later use, reduces costs and contributes to grid stability.

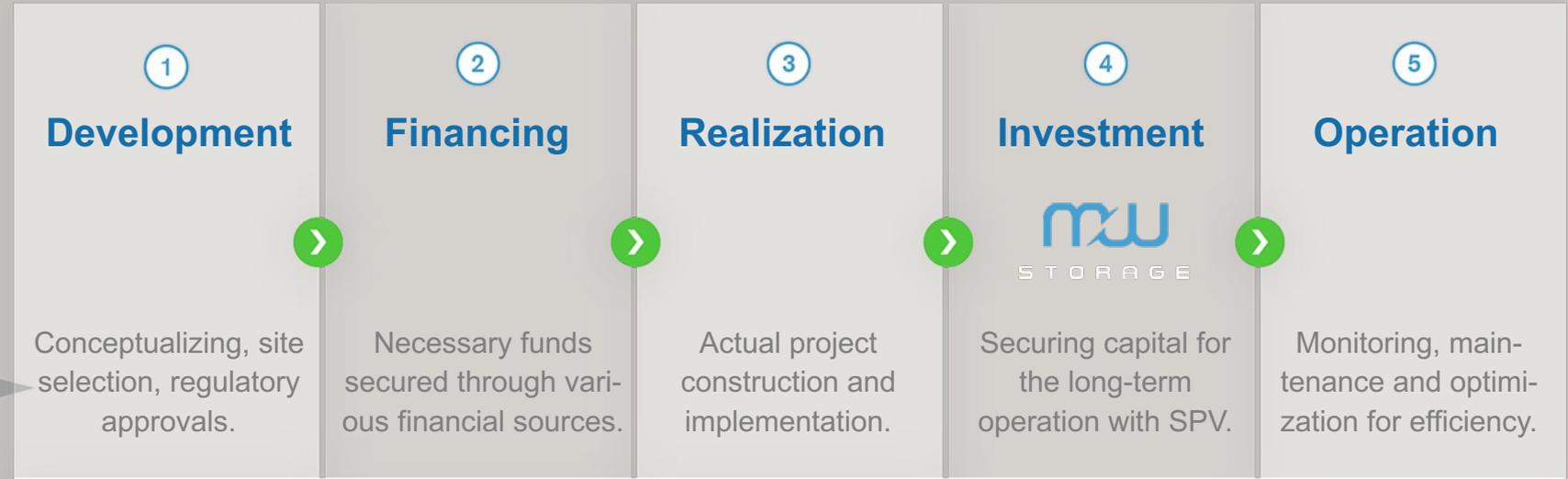
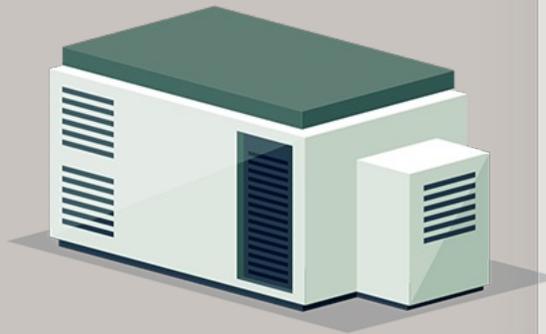
Renewable energy generation fluctuates over time. Energy storage prevents curtailment by capturing excess wind or solar power during favorable conditions, ensuring efficient utilization.

Concept

wattss services ag

Large scale

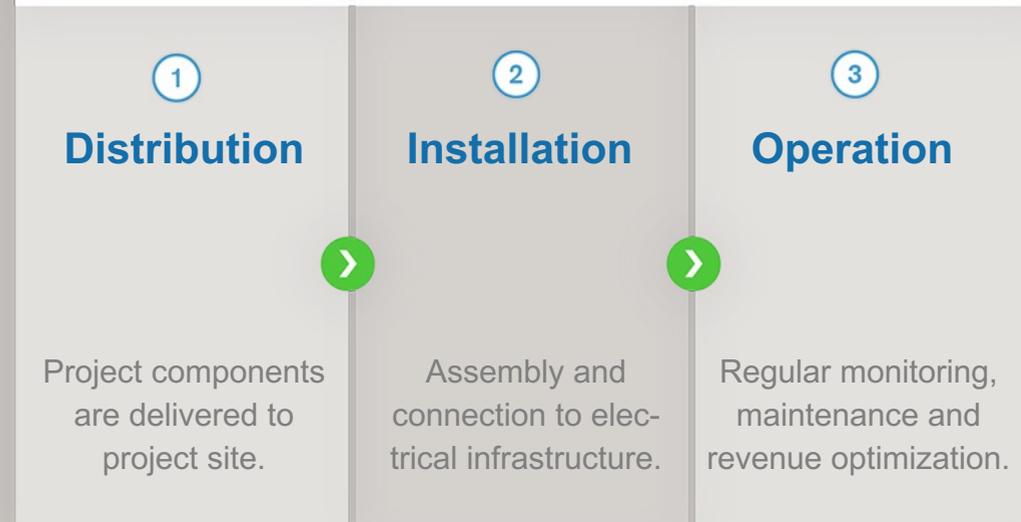
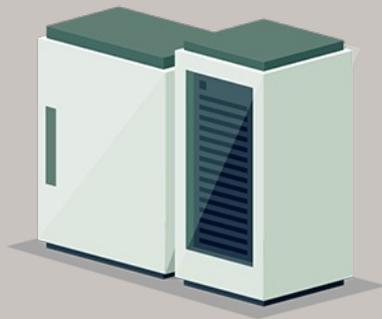
> 5 MW



wattss ag

Small & medium scale

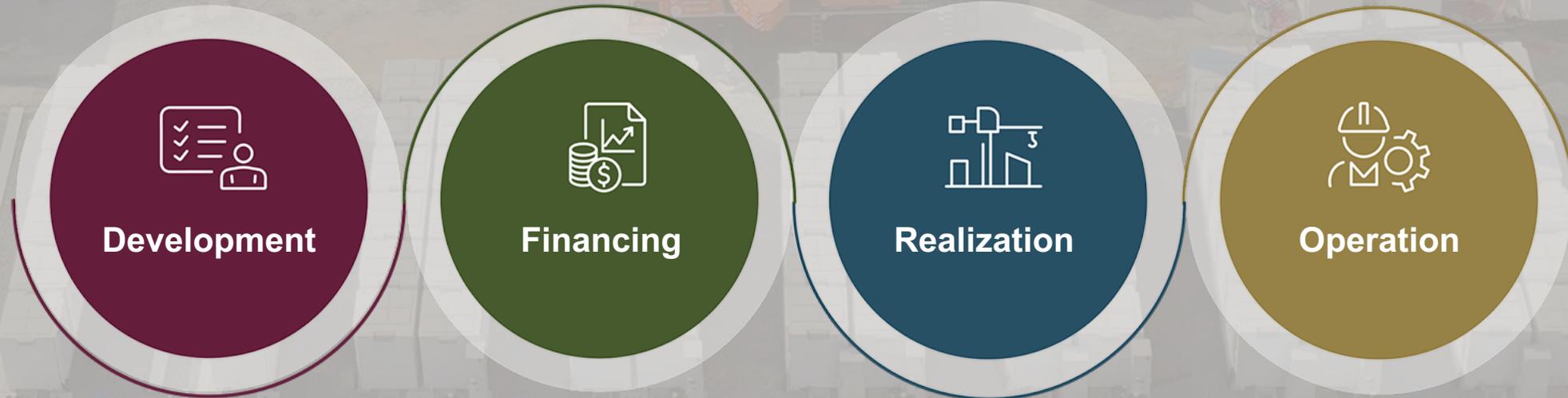
< 5 MW





Service for large scale BESS

Products

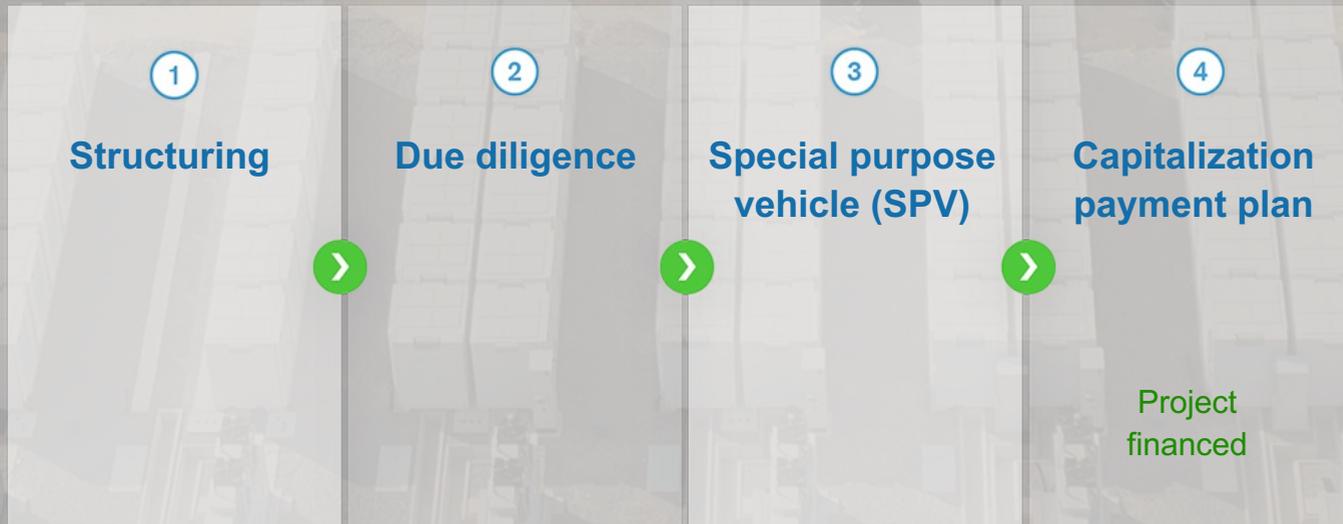


Phases of large scale battery energy storage systems (BESS)

Products



Products



Products



Products



References

Ingenbohl 1



Ingenbohl 2



Sinebrychoff



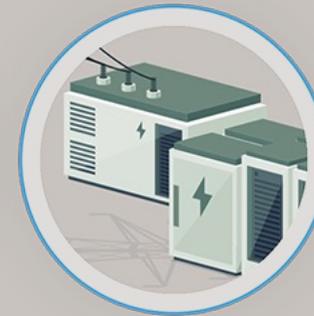
Ikaalinen



Kapuli



Mattila



Wunsiedel



	Ingenbohl CH	Ingenbohl CH	Kerawa F	Ikaalinen F	Kapuli F	Mattila F	Arzberg D
	20 MW	8 MW	20 MW	13.4 MW	20 MW	20 MW	100 MW
	18 MWh	8 MWh	20 MWh	22 MWh	20 MWh	20 MWh	200 MWh
COD	2020	2024	2021	2024	2025	2025	2025

201.4 MW 308 MWh





Inglenbohl 1
Switzerland



20 MW



18 MWh

COD 10 / 2020
Reserve Market Swissgrid



Ingenbohl 2
Switzerland

 8 MW

 8 MWh

COD 09 / 2024
Reserve Market Swissgrid



mw
STORAGE

Ikaalinen
Finland

⚡ 13.4 MW 🔋 22 MWh

COD 05 / 2024
Reserve Market Fingrid



mw
STORAGE

Arzberg
Germany



101 MW



200 MWh

COD 06 / 2025
Energy & Reserve Market



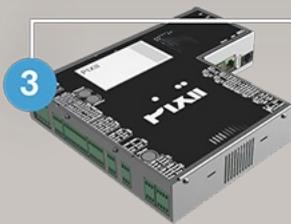
Medium and small scale BESS

Products

PixiiBox 48/3300
4G modem



Power Rack
3-phases – 10 kW per row



Pixii Gateway
Controlling & EMS Interface



48V Battery Module
Integrated BMS



- 4G modem
- Smoke sensor
- Temperature sensor
- Heating system



Pixii Apps
Steering dashboards



BESS for Industry



BESS for Industry

watts



BESS for Commerce

watts



BESS for Agriculture

WATTS



BESS for Residential Buildings

watts



Empowering
Energy
Transition

Services for large scale BESS

wattss services ag
Oberstadtstrasse 8
CH-8500 Frauenfeld

Medium and small scale BESS

wattss ag
Oberstadtstrasse 8
CH-8500 Frauenfeld

info@wattss.ch

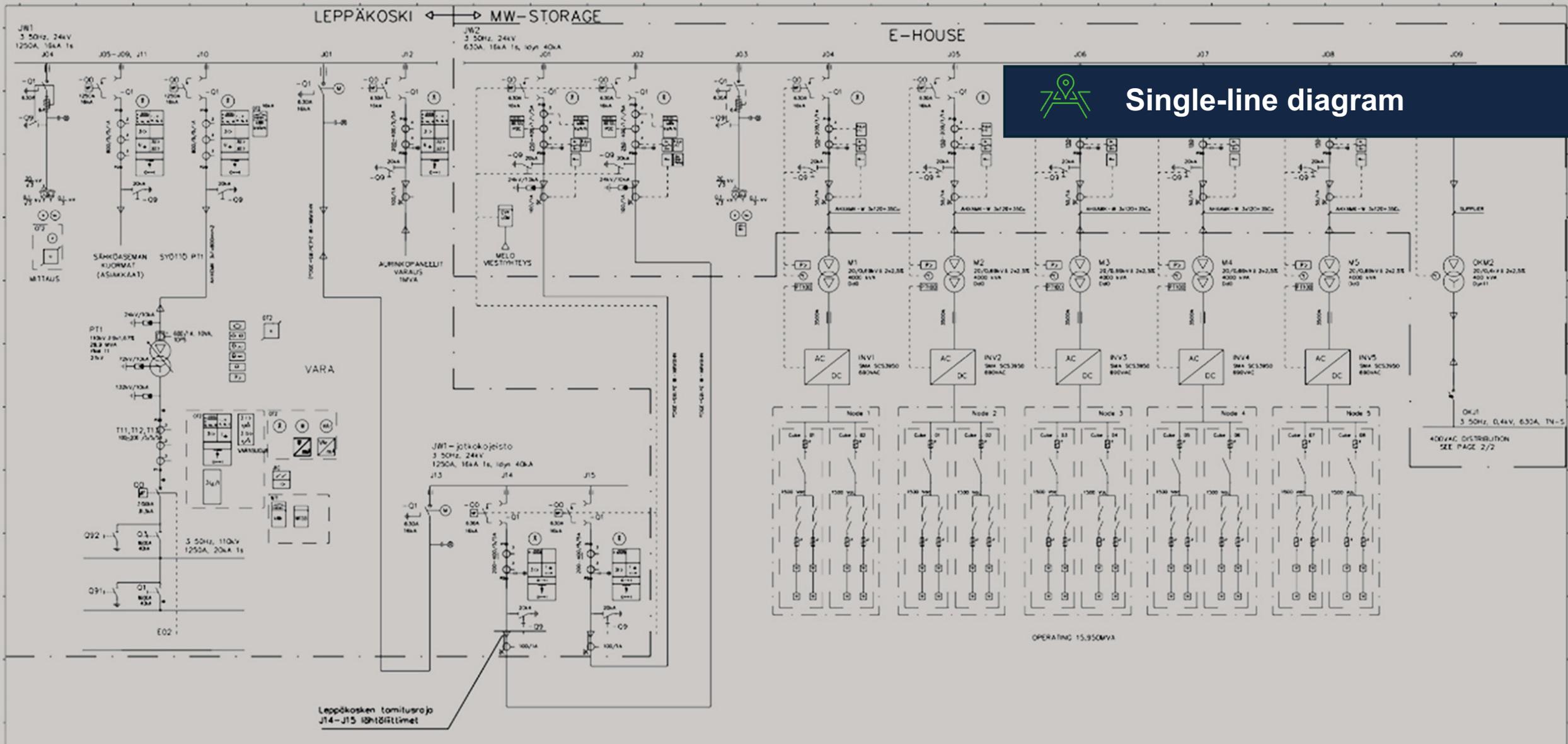
+41 58 590 20 50

www.wattss.ch

BACKUP



Single-line diagram





 **Floor plan**

Karhoistentie, Ikaalinen-416-5-25

Site area: 2860,5 m²
 Switch room area: 60,0 m²

