

EFFICIENT ENERGY TECHNOLOGY GMBH



Agenda

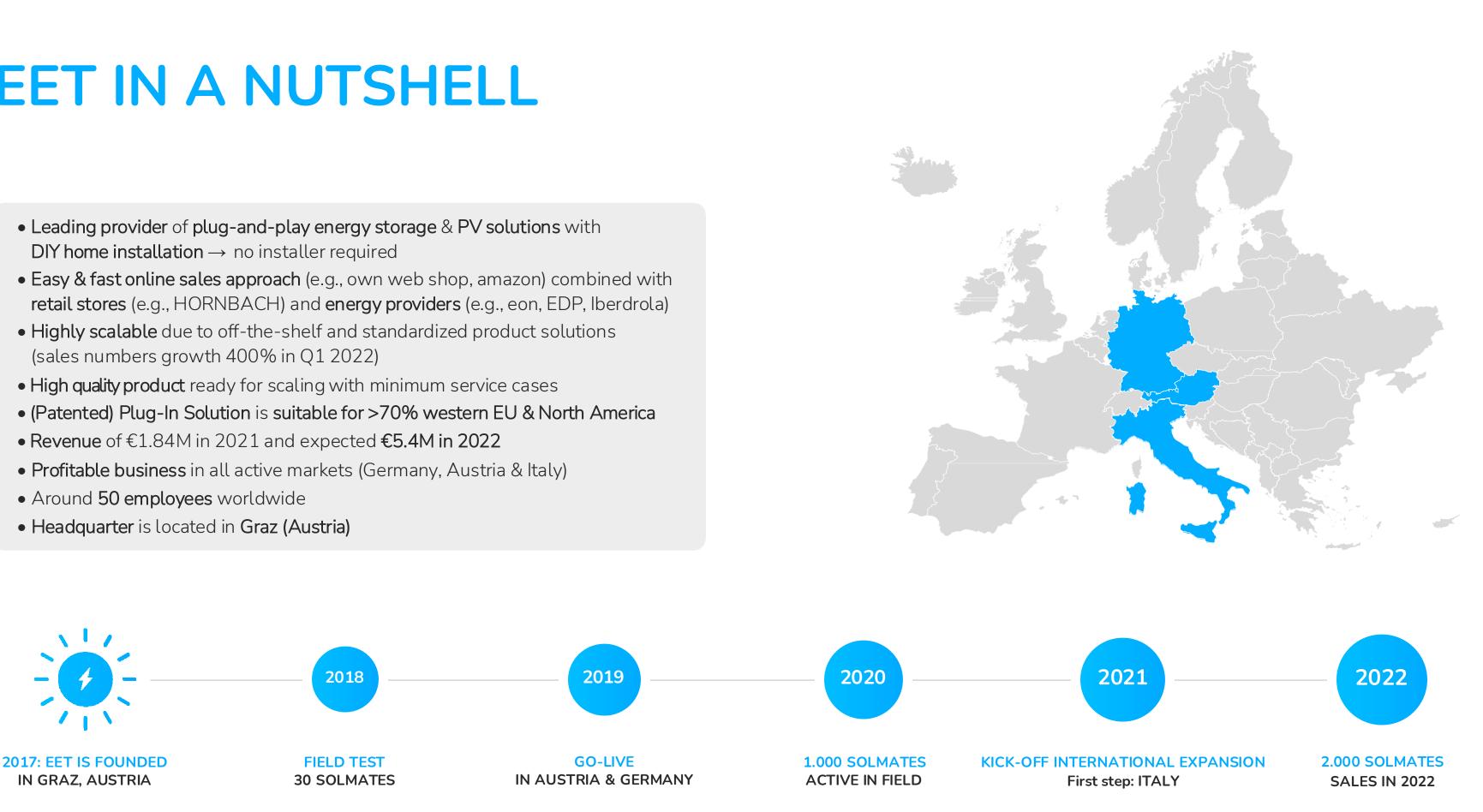
- 1. EET in a Nutshell
- 3. Entwicklung Technologie (FFG Stadt der Zukunft)
- 4. Entwicklung Produkt (aws Impuls XS)
- 5. Entwicklung Markt (aws tectrans)
- 6. Go2market (privates Kapital)
- 7. Scale-up (privates Kapital + aws Garantie)





EET IN A NUTSHELL

- **DIY home installation** \rightarrow no installer required
- retail stores (e.g., HORNBACH) and energy providers (e.g., eon, EDP, Iberdrola)
- (sales numbers growth 400% in Q1 2022)





JOINING MEGATRENDS

UNIQUE WINDOW OF OPPORTUNITY DRIVEN BY MEGATRENDS AND MARKET ENVIRONMENT

Rising Electricity Prices	Electricity prices rose significantly in the European Union prices rose even more by 23% and are not expected to de
Energy Security	Reliable and affordable energy access is a key factor for a additionally strengthens the demand for energy security
Decentralized Renewable Growth	Solar & Storage are the lowest cost option among renew expected to further increase to 25% p.a. until 2030
Regulatory Incentives & Stimulus	European Green Deal set goal to become net zero in 205 renewable energy production & electrification
Urbanization	The UN estimates that two-thirds of global population w
Lack of skilled Installers	Installation businesses are crucial for using solar hardwa long-lead times and bottlenecks
Rise of Apartment Solutions	500K Guerilla PV create opportunity for suitable home er

n with a 14% increase over the last 10 years. In Germany decline in the upcoming years

wealth & economic growth of a country. The Ukraine war

wables with 22% growth from 2021 to 2022 which is

50 and countries already developed programs to stimulate

will live in cities by 2050

are but suffer lack of skilled labor capacities which leads to

energy storages



ENTWICKLUNGEN





TECHNOLOGIE ENTWICKLUNG

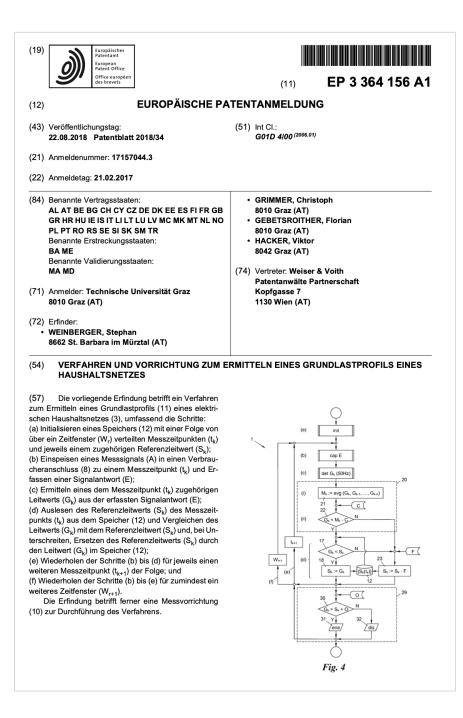
NET DETECTION

EXISTING PATENT FROM TUG

- Measurement approach
- Measures the household's energy consumption from any wall socket
- European patent granted
- EP17157044

ADDITIONAL IP

- Designs EUIPO
- Trademarks EUIPO
- 7 protections at EUIPO



PRIVAT 20%



PRODUKT ENTWICKLUNG

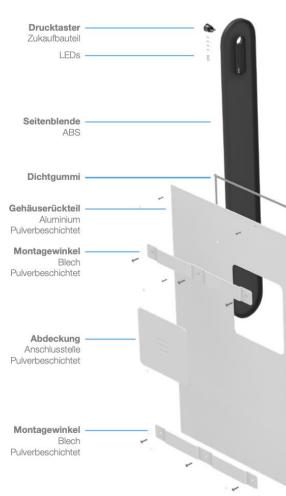
INDUSTRIEDESIGN & KONSTRUKTION

KEY HARDWARE COMPONENTS

- Battery pack
- Inverter
- Housing (aluminum & plastic)

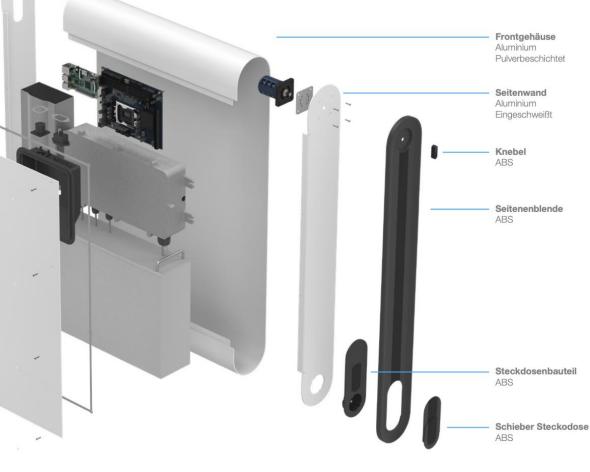
CORE USP: NET DETECTION

- Household network feed-in technology (patent granted)
- Fully in-house developed
- Mainly software based
- Only small hardware component
- Manufactured by EMS



AWS IMPULS XS 50%

FULL COMPONENT OVERVIEW

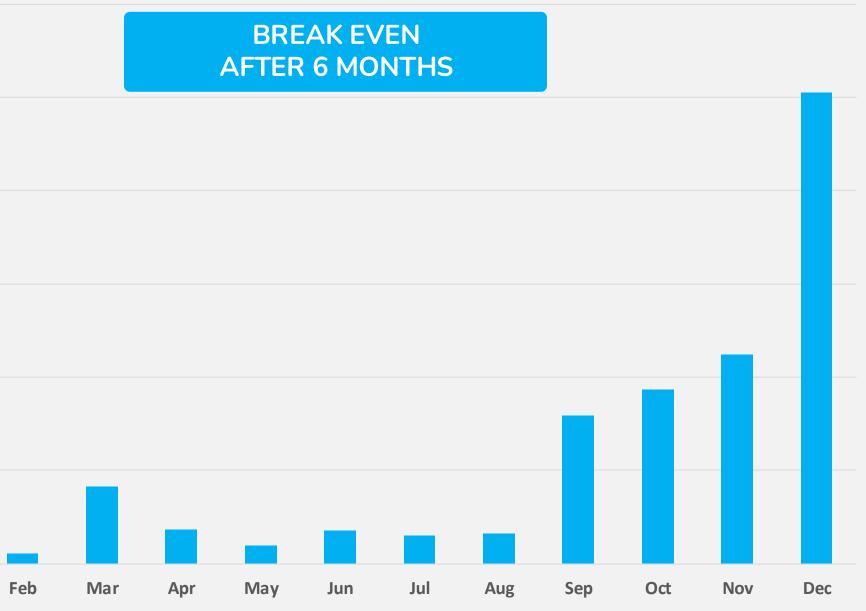


PRIVAT 50%



MARKT ENTWICKLUNG: ITALIEN

	300,000 €	
KICKOFF WITH LIGHTMATE	·	
 SolMate will follow this year Availability better, hardly Customer support needed 	250,000 €	
 Already establishing sales structures Create market insights 	200,000 €	
KEY SUCCESS FACTORS	150,000€	
Strong web presencePR coverage	100,000€	
 Appearance as Italian company (www.eet- solare.it) 	50,000€	
 2 natives hired Strong utility partners 	- €	Jan F



PRIVAT 50%



GO 2 MARKET





MYSOLMATE APP



MOBILE APP

INTELLIGENCE

through measurement technology

CUSTOMIZATION

of lowest battery level and household feed-in

OPEN API

available (compatible with smart homes, IoT, etc.)

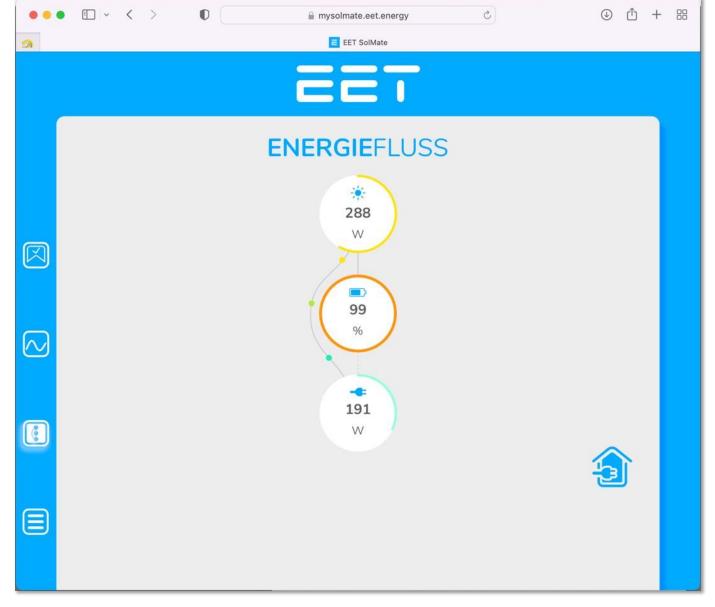
LIVE-TRACKING & FORECAST

of energy flow, PV production and battery level

GAMIFICATION

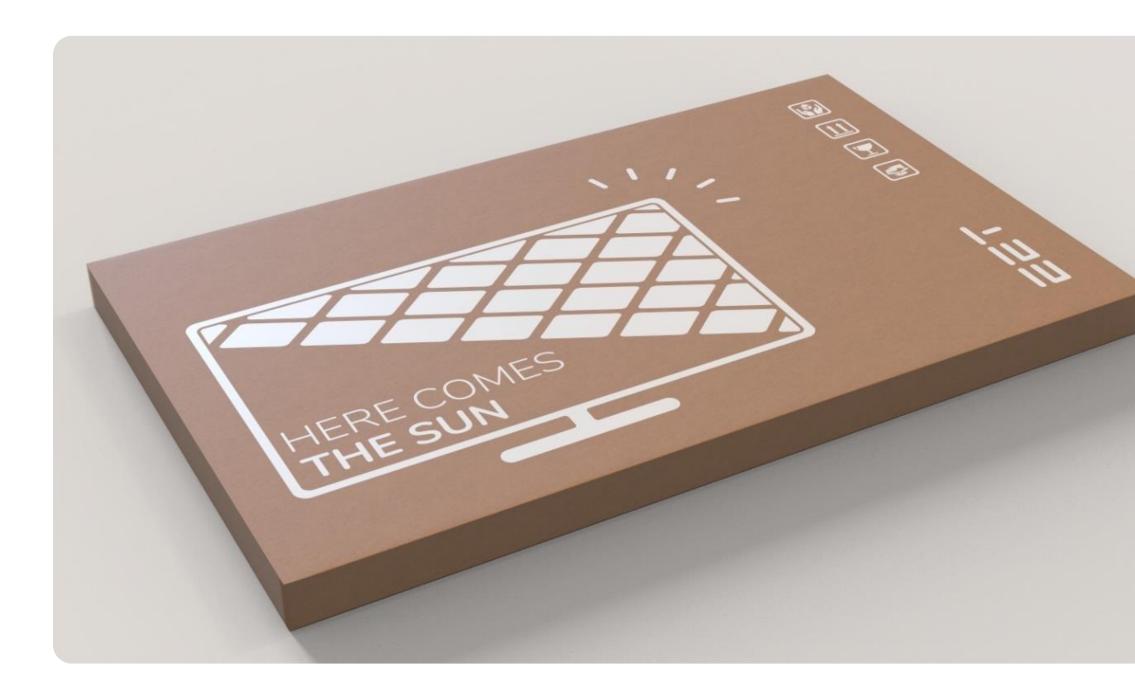
including community figures and milestones

WEB APP





PACKAGING



BRAND POSITIONING

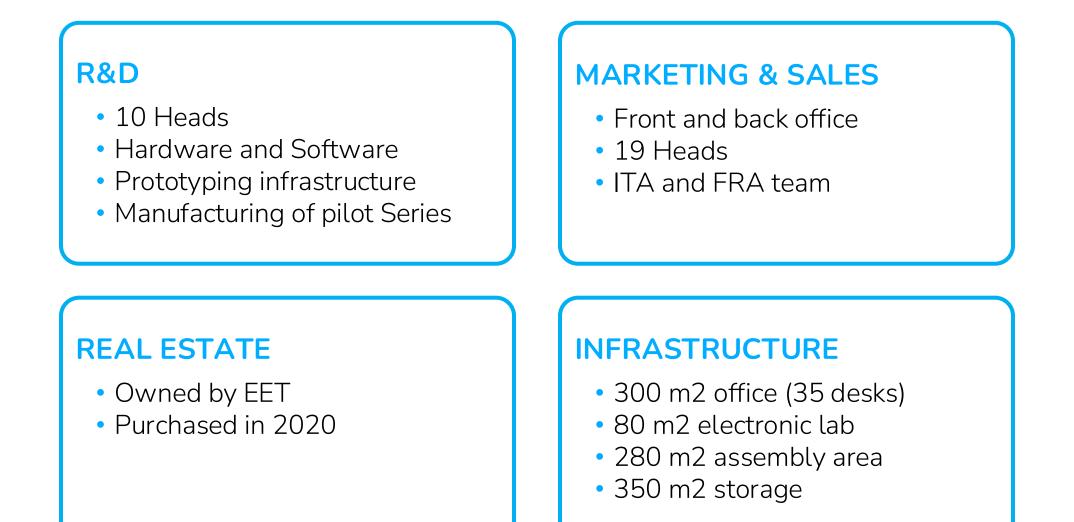
UNPACKAGING EXPERIENCE

SCREEN IMITATION



EET HEADQUARTER

HEART OF OUR VISION, GROWTH AMBITION AND INNOVATION CENTER



PILOT MANUFACTURING CAPACITY: 3000 SOLMATES/YEAR





EET OPERATIONS

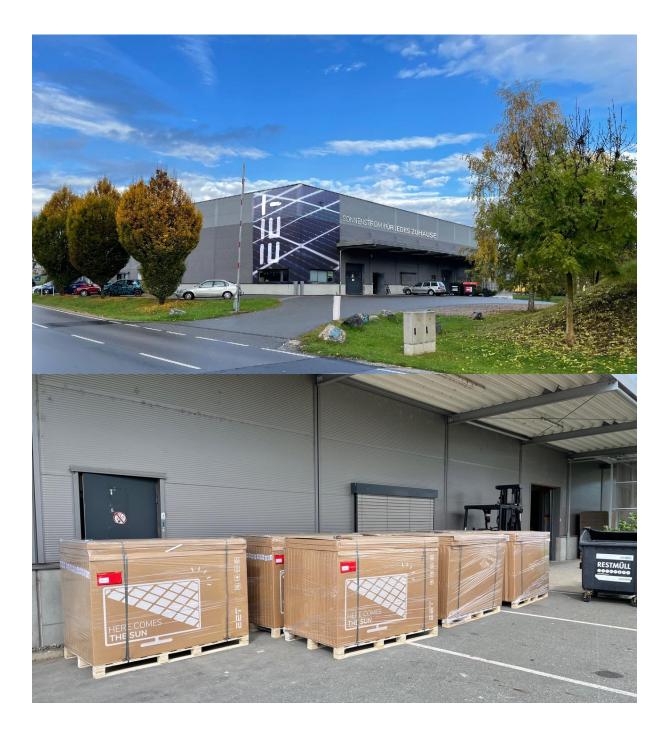
MANUFACTURING

- 900 m2
- Fully equiped
- Modern ware house
- Manufacturing of pilot Series

OFFICE

- Front and back office
- 180 m2
- Meeting room
- Sales desk

LIGHTMATE MANUFACTURING CAPACITY: 3000 SOLMATES/MONTH





SUPPLY CHAIN

UTILIZING THREE DIFFERENT GLOBALLY ACTIVE EMS PROVIDER ENSURING FAST SCALE-UP CAPABILITY

SOLMATE ASSEMBLY

- Utilizing 3 assembly partners
- Scaling potential >100.000 systems annually (each partner)
- Assembly according to EET's technical instructions
- Sourcing according to EET's guidelines & strategic suppliers

PARTNER #1 MELECS ESW GMBH

- Austria
- 1800 employees
- Typical EMS provider
- 4 manufacturing sites
- https://www.melecsindustrial.com



- Poland • 1800 employees • Typical EMS provider • 180 manufacturing sites https://elhurt.com/en/





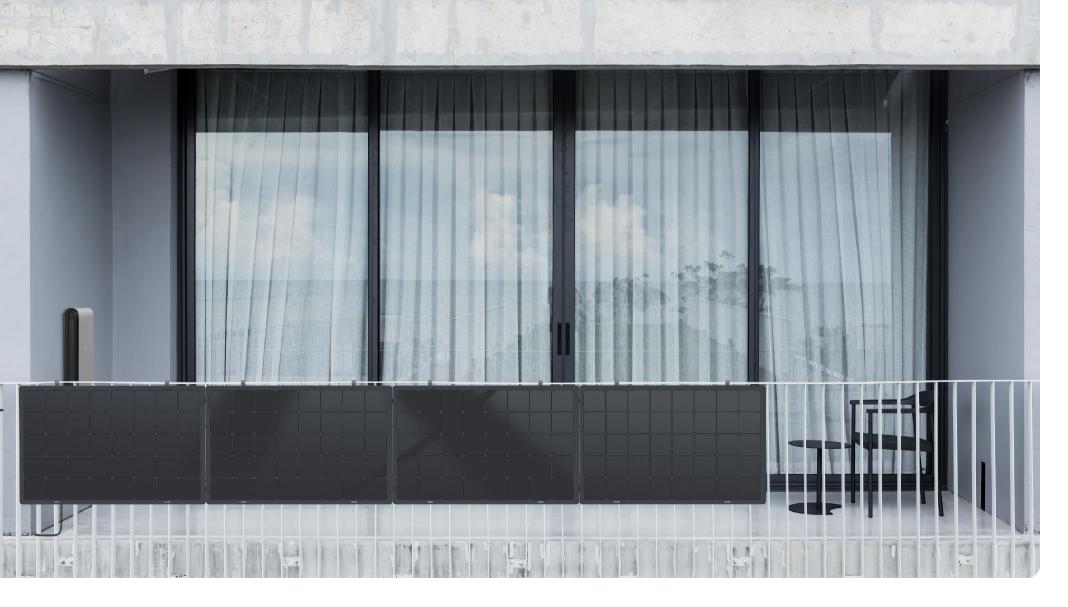
MAXIMUM FLEXIBILITY AND INDEPENDENCE OF PARTNER ENSURES FAST SCALE-UP WITHOUT PRODUCTION BOTTLENECKS

PARTNER #2 ELHURT EMS SP. Z O.O.

PARTNER #3 **KAYNES TECHNOLOGY INDIA LTD**

- India
- 1500 employees
- Typical EMS provider
- 8 manufacturing sites
- https://www.kaynestechn ology.co.in/index.html











SOLMATE®

THE FIRST PLUG-IN PHOTOVOLTAIC STORAGE SOLUTION

WE MAKE RENEWABLE ENERGY SIMPLE, SAFE AND RELIABLE FOR EVERYONE

BE A PART OF OUR JOURNEY

