



AUGWIND

Investor presentation

August 31st, 2022



AIR | WATER | EARTH

harnessing the elements
for a **CLEAN FUTURE.**

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TODAY'S CALL

1



**Our solutions address
the world's most critical
energy needs**

2



**Expanding our
product portfolio**
Introducing additional
Products in the pipeline

3



**Q2 2022
Key Financial highlights**

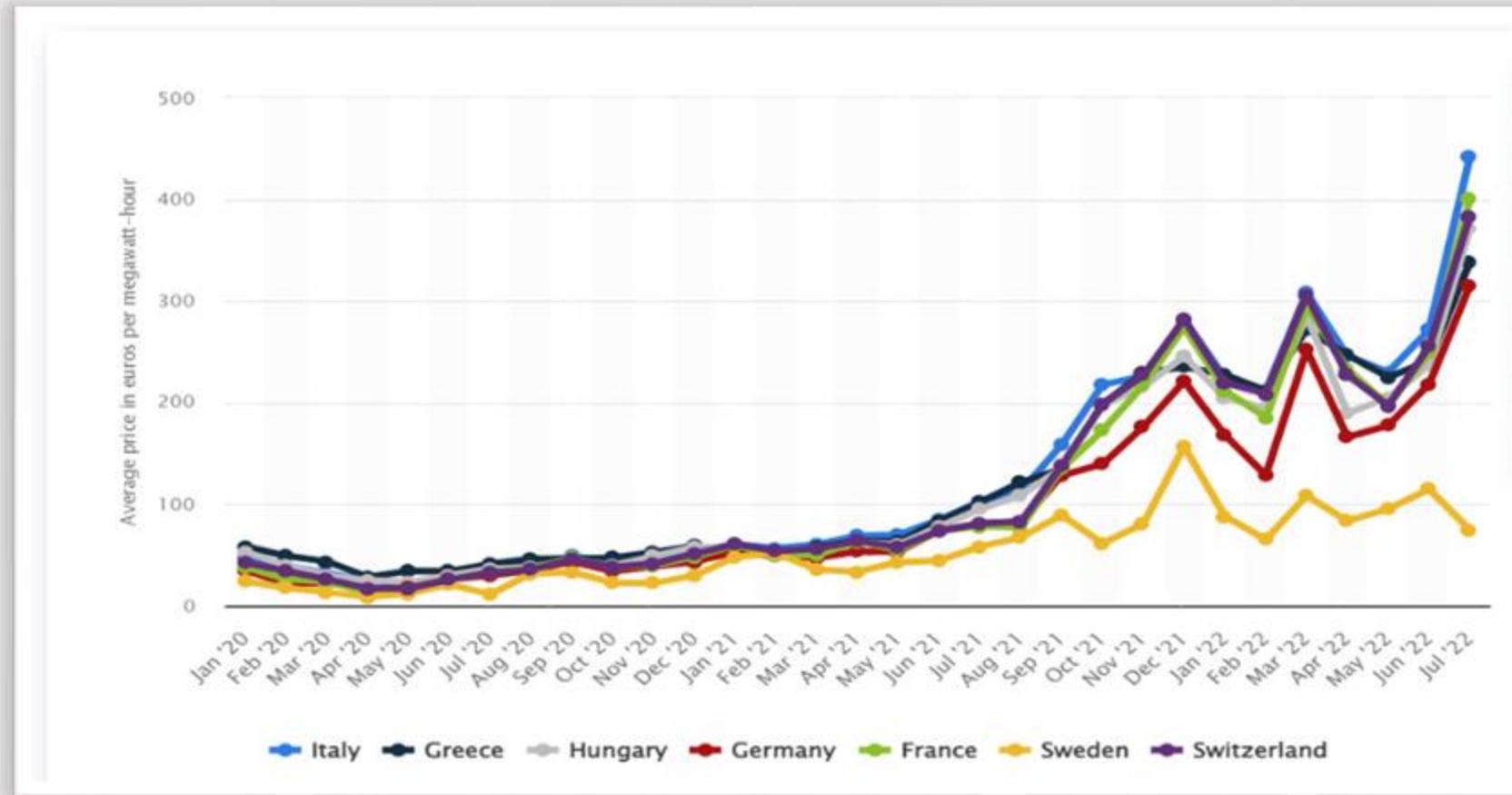
Today, more than ever
Augwind's solutions
address the world's
most critical needs:

1 Achieving energy efficiency

2 Reducing carbon footprint



Soaring energy prices enhance the value of Augwind's solutions



Source: Statista 2022

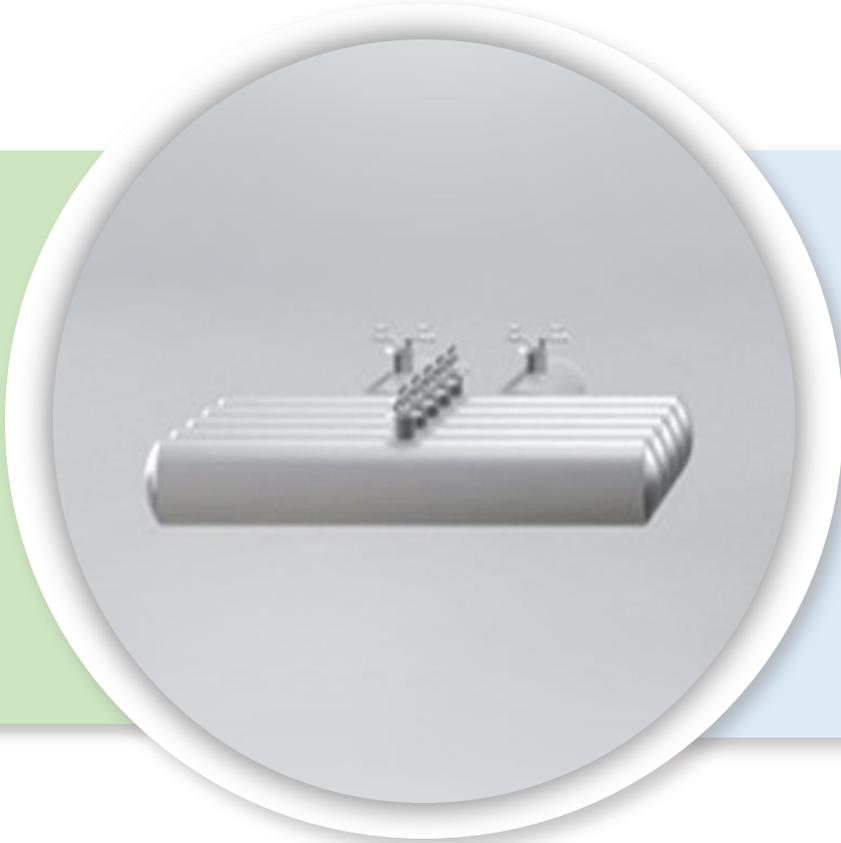
Augwind's current solutions

\$1B ⁽²⁾
TAM

AirSmart

Streamlining compressor utilization for industrial applications

Enabling operational continuity and efficiencies



\$30B ⁽¹⁾
TAM

AirBattery

Novel energy storage system based solely on air and water

Enabling a global shift to renewable energy

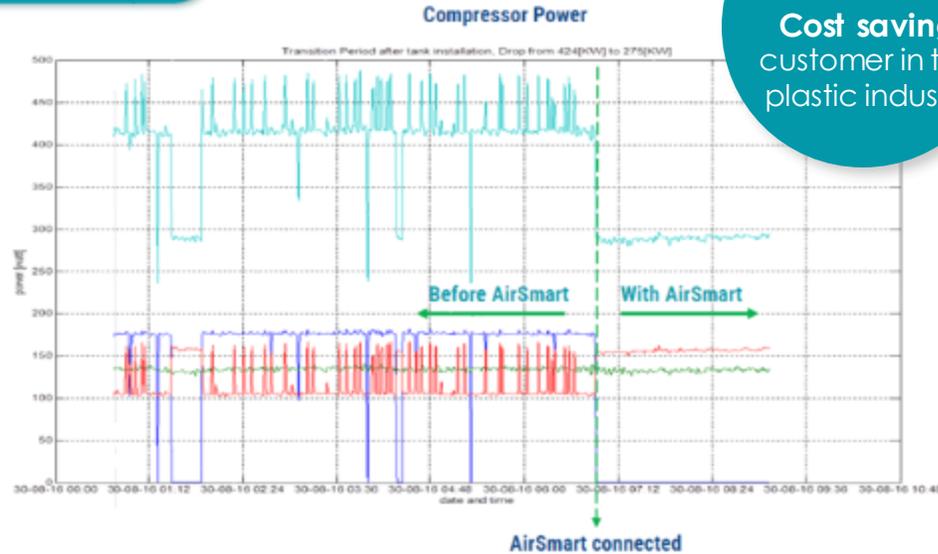
(1) Company's estimates, analysis based on Bloomberg, IHS Market
(2) Company's analysis, for US, EU and Israel, as elaborated in the Annual report

AirSmart - proven energy savings



Plastic Industry

- ✓ **Energy efficiency**
 - 35% energy savings (1,192,000 kWh annually)
- ✓ **Process efficiency**
 - Pressure reduction from 7.5 to 4.5 Bar.
- ✓ **Process stabilization**
 - Zero pressure drops.
 - Improved up-time to 100%.



35%
Cost saving customer in the plastic industry



15%
Cost saving customer in the plastic industry



17%
Cost saving customer in the metal industry



Steel



Chemical & Petroleum



Cement



Plastic



Glass



Paper & Pulp



Automotive

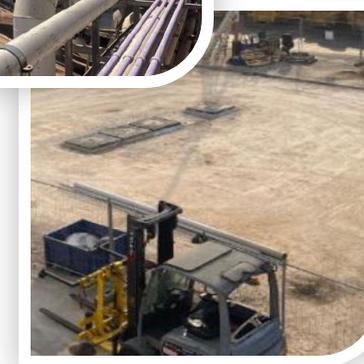


Food & Beverages

Another project successfully built in Q2-22



Client	Tempo Beverages (top Israeli manufacturer, part of Heineken group)
Location	Netanya Industrial Park, Israel
AirX Tanks	3 tank, Max pressure 40 bar
Expected operation	Sep. 2022
Augwind income	NIS 2mil.
Expected energy savings	30%





Tempo
Beverages



Iscar A
Metalworks



Tnuva
Food & Dairy



Neshor
Cement



Shalem Packaging
Plastics



Strauss
Food & Dairy



MOD
Defense

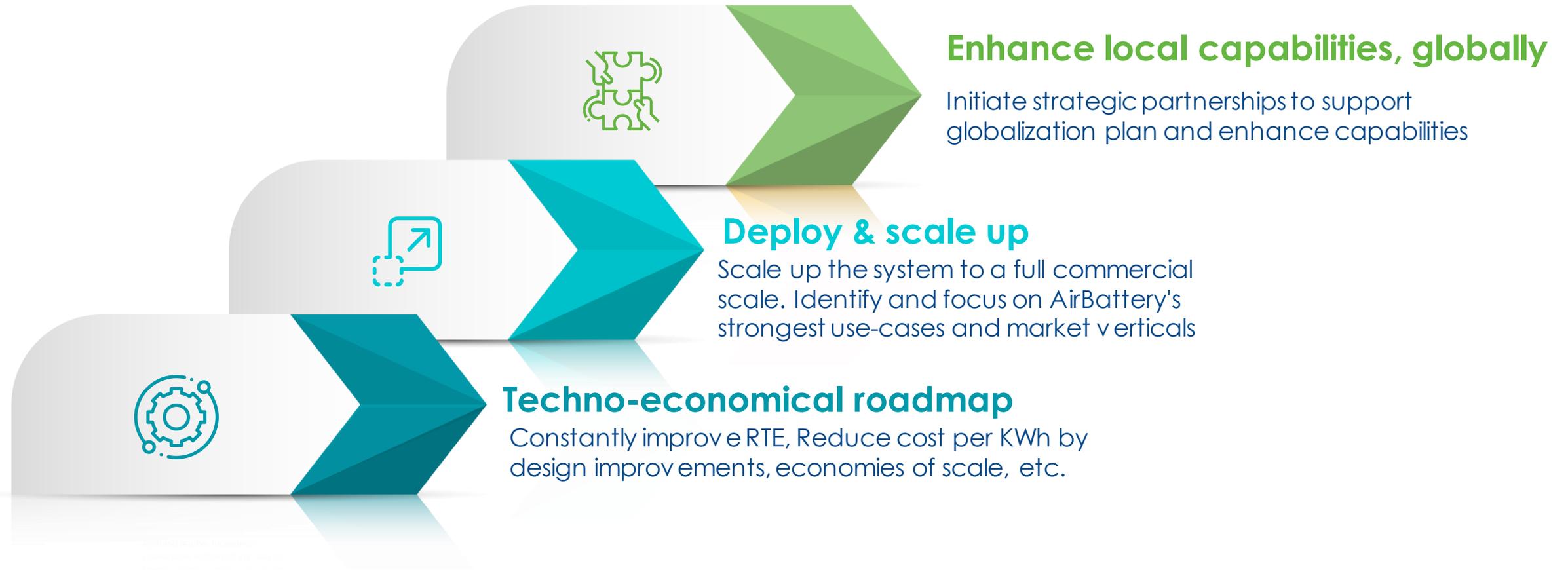


Iscar B
Metalworks

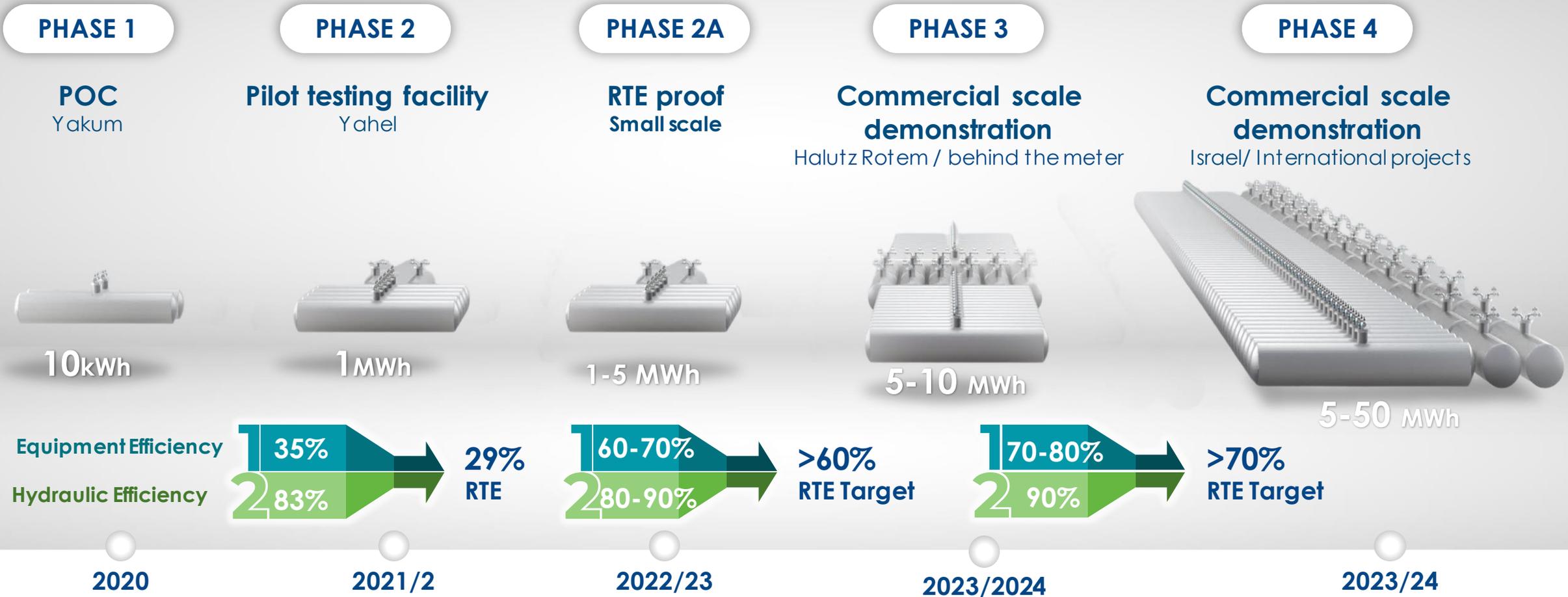


Nilit
Textile

AirBattery strategic pillars for global commercial success

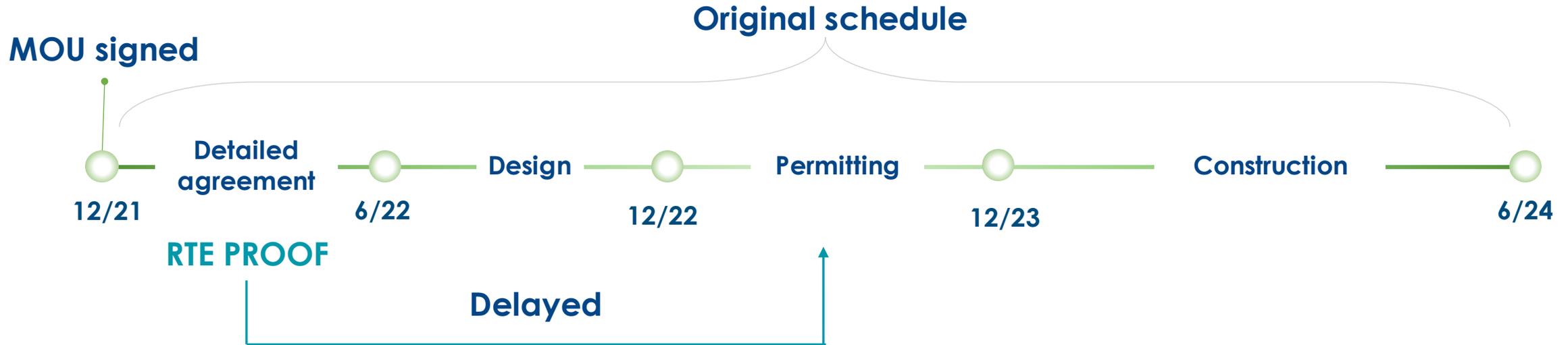


Scale-up and Technology roadmap



RTE- Round-Trip Efficiency

IEC AirBattery schedule delayed



כלכליסט

29.8.22

”מחברת החשמל נמסר כי "אגירת אנרגיה חשובה וקריטית לעתיד משק החשמל ולכן חברת החשמל תמשיך לחפש, לבחון ולתמוך בפרויקטי אגירה חדשניים. אוגווינד מביאה גישה טכנולוגית מעניינת ולכן חברת החשמל תמשיך לשתף פעולה ולבחון את התקדמות הטכנולוגיה שלה, אף שכעת היא טרם הבשילה לפרויקט תפעולי בהיקף מסחרי גדול".

Halutz Rotem AirBattery project

Estimated schedule:



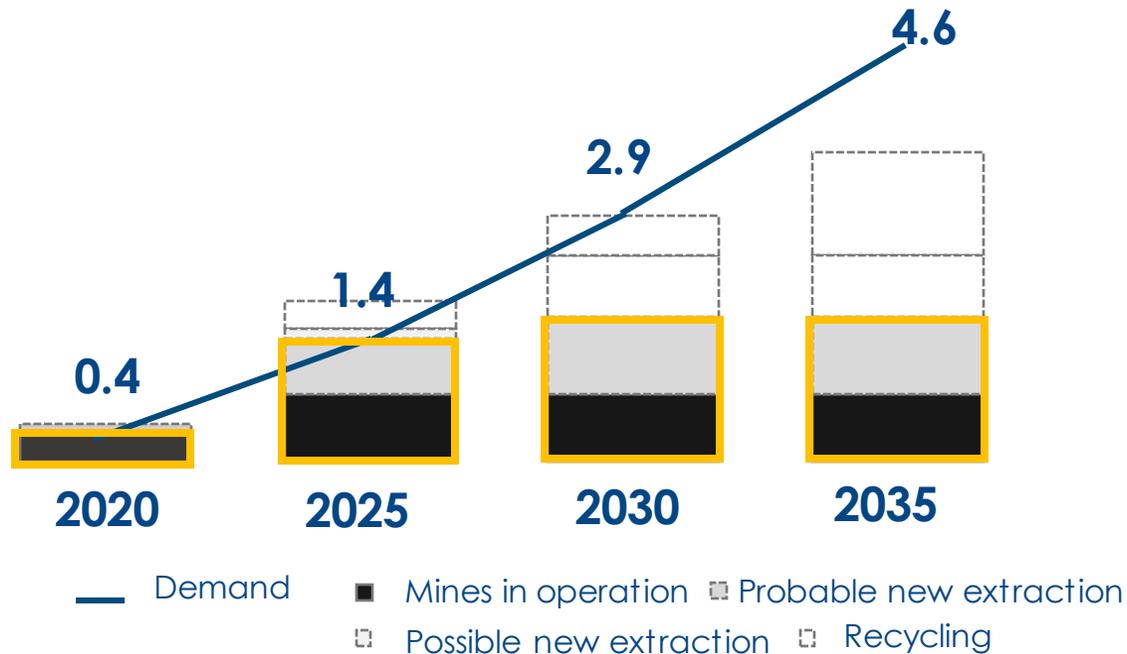
Project details:

Location	Dimona, Israel
PV Solar field	5 MWp
Energy storage capacity	10 MWh
Feed-in tariff:	US5.3 cent / KWh (in NIS)
PPA expiration	2045
Plot size	50 dunam

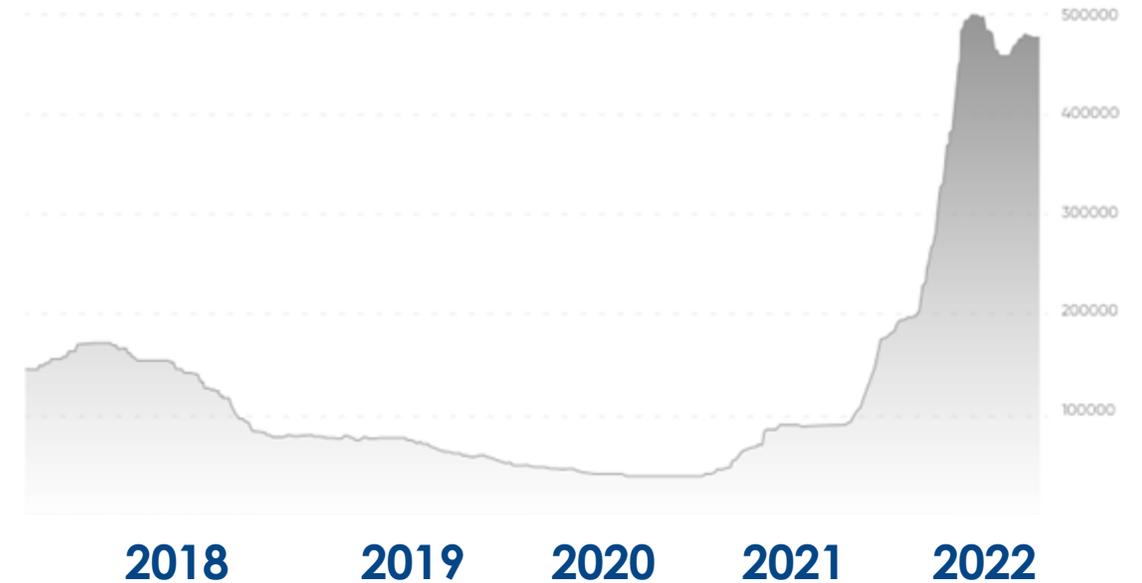
Lithium: Major Demand/Supply Challenges Ahead

Shortages are expected through 2035 due to growing demand and Supply Chain Vulnerabilities

Forecasted global lithium supply and demand in million tons LCE



5-year Lithium price



Source: [BCG](#), [capital](#)

Expanding our product portfolio

Introducing three additional lines of products based on Augwind's core technology



Use-cases for a variety of sectors:

Energy, oil and gas, industry, etc.
under development



Address the world's most critical needs

Achieving energy efficiency
and reducing carbon footprint

Augwind's Core technology

18
patents

13
pending patents

Underground storage
of high-pressure
air/gas

**Isothermal
charging** process



**Isothermal
discharging**
process

Water-compressor

Using water to compress air to high-pressure for industrial use

The Need

Most industrial plants use high-pressure air for pneumatic and other processes

The challenge

Producing compressed air efficiently and at low energy cost

Augwind's solution

Using water-compressor instead of air-compressor, and **improving compression energy efficiency by 30%-50%**

Augwind's Water Compressor



Generating compressed air in a unique highly energy-efficient process

Total Addressable Market

\$32_B  \$43_B
2022 2030

Air compressors global market size¹

(1) Air compressor, Market estimates & trend analysis, GVR, 2022

NG-2-H

Generating hydro-electricity at minimal cost from natural gas pressure reduction stations

The Need

How to produce low-cost electricity with low carbon footprint

The challenge

Developing innovative technologies for electricity generation

Augwind's solution

Use wasted energy (natural gas pressure reduction) to produce electricity at minimal cost and zero carbon footprint. Possible retrofit to existing facilities.

NG-2-H



Generating electricity while regulating pressures in natural gas distribution systems (PRMS)

Product roadmap

2022

Adjusting Augwind's existing technology to natural gas environment

2022/3

Teaming up with natural gas transmission players to build commercial demo projects

TBD

Go to market

Huge Potential, Europe & US alone:

5,000-10,000 PRMS units with estimated capacity potential of 4,000-6,000 MW³

(3) Based on study done by Augwind

Cavern-AirBattery (CAB)

Achieving low-cost seasonal energy storage by compressing air into existing underground caverns

The Need

Long duration/seasonal energy storage.

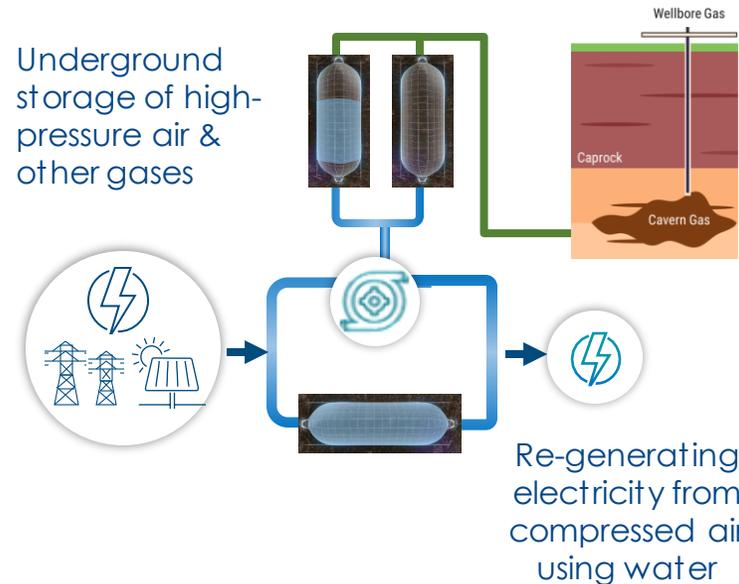
The challenge

Achieving low-cost long duration/seasonal energy storage solutions and solutions for storage of other gases

Augwind's solution

Use existing underground caverns (depleted gas fields, mines, etc.) to store compressed air & other gases

Augwind's CAB



Go to Market Strategy



Identify available underground caverns in relevant target markets



Team up with energy/infrastructure players



Perform feasibility studies
Launch first demo project

Market potential

Hundreds of \$M/year for Augwind²

(2) Company's analysis, based on technical potential of salt caverns for Hydrogen storage in Europe, Caglayan et al. 2020

Augwind is expanding its product portfolio



Key Financial Results – Q2.2022 (ILS Thousands)

Profit & Loss

	Q2.22 A	Q2.21 A
Revenue	797	407
COGS	(1,199)	(134)
Gross Profit (Loss)	(402)	273
R&D expenses	(8,539)	277
Selling and Marketing	(1,475)	(3,850)
G&A	(36)	(8,950)
Operating Profit (Loss)	(10,452)	(12,250)
Finance and Tax expenses, net	724	117
Net Profit (Loss)	(9,728)	(12,133)

Cash Flow

	Q1.22 A	Q2.22 A	H1.22 A
Cash Opening balance	6,667	29,936	6,667
Operating activities	(17,835)	(10,445)	(28,216)
Investing activities	39,274	(251)	39,023
Financing activities	1,830	623	2,389
Total Cash Flow	23,269	(10,073)	13,196
Cash Closing Balance	29,936	19,863	19,863

Balance Sheet

	30/06/2022	31/12/2021
Cash & Cash equivalents	19,863	6,667
Short-term deposits	90,693	130,618
Trade receivables	1,722	3,479
Other accounts receivable	4,258	3,013
Inventories	2,545	1,849
Current assets	119,081	145,626
Long-term deposits	–	–
Other Long-term Assets	38,923	41,438
Non-Current Assets	38,923	41,438
Total Assets	158,004	187,064
Current liabilities	15,345	14,530
Non-Current liabilities	15,329	15,261
Share capital and premium	326,075	322,730
Accumulated deficit	(198,745)	(165,457)
Total Liabilities	158,004	187,064



AUGWIND

Thank You

Harnessing the
elements for a
clean future