



KEMWATT

Your energy bank

François HUBER - Co-founder - CEO

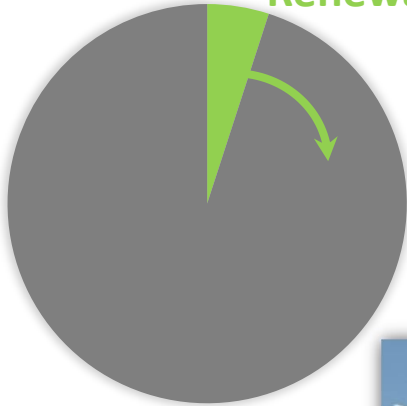
fhr@kemwatt.com +33 634 482 976

THE CLEAN ENERGY GLASS CEILING



THE CLEAN ENERGY GLASS CEILING

Renewable

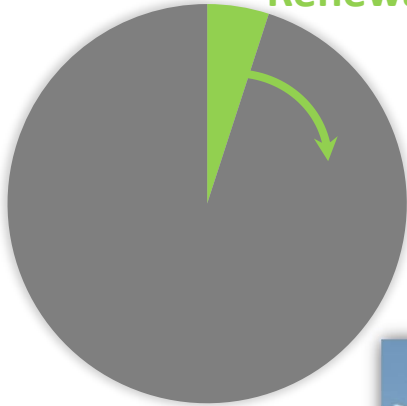


Conventional



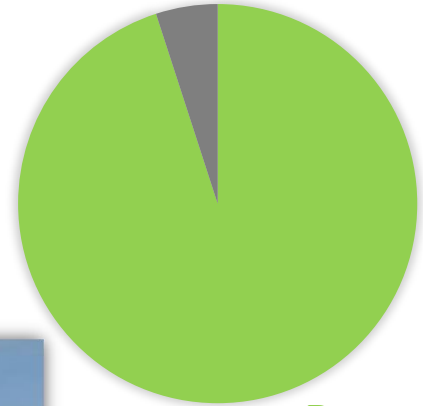
THE CLEAN ENERGY GLASS CEILING

Renewable



Conventional

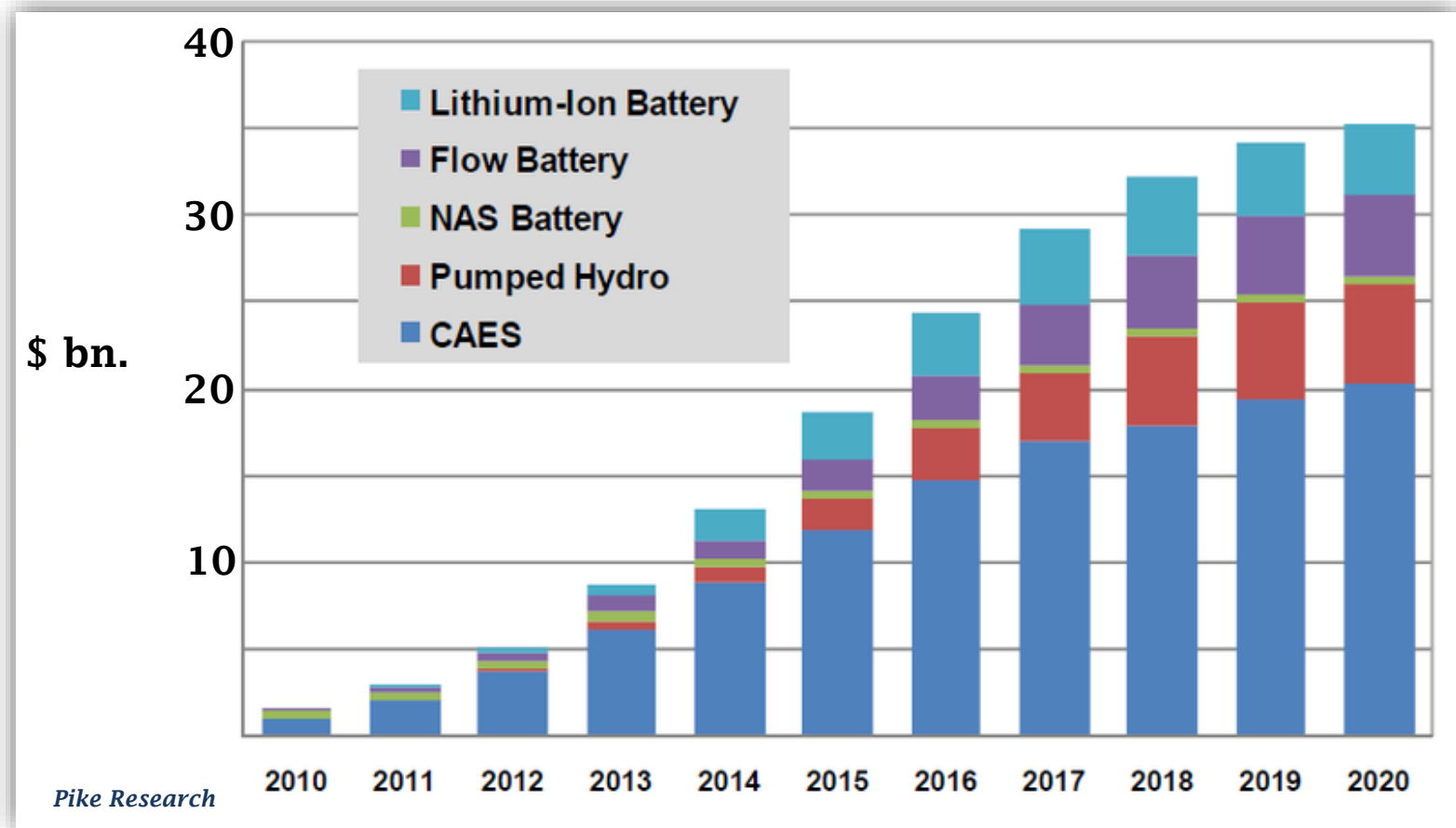
Conventional



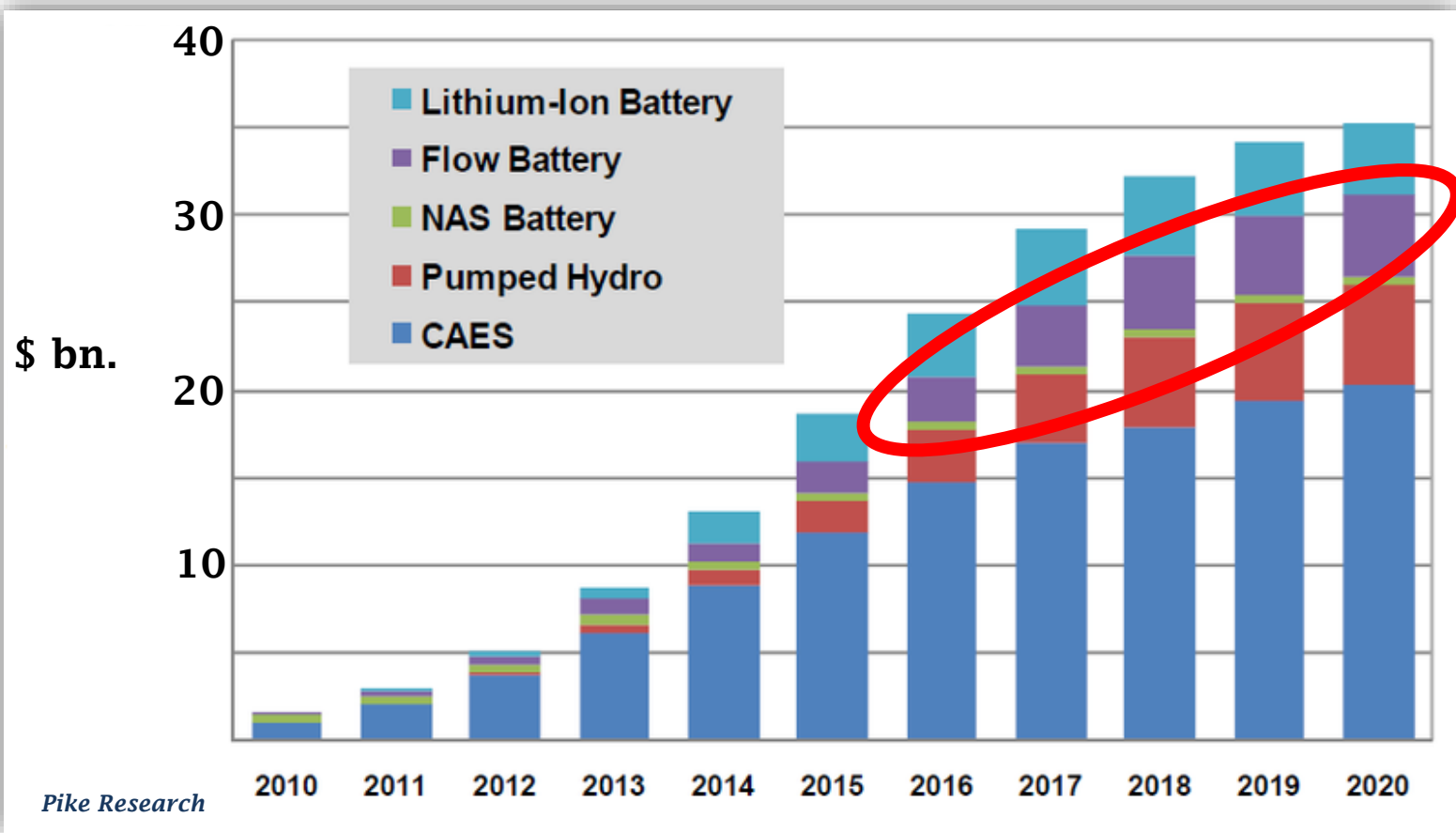
Renewable



A BOOMING GLOBAL MARKET



A BOOMING GLOBAL MARKET



LOWER CAPEX FOR LONG DURATIONS

1 MWh



1 MWh



LOWER CAPEX FOR LONG DURATIONS

1 MWh



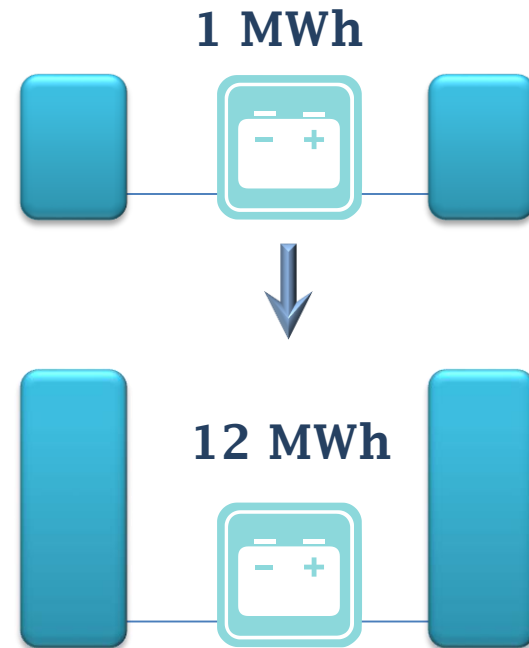
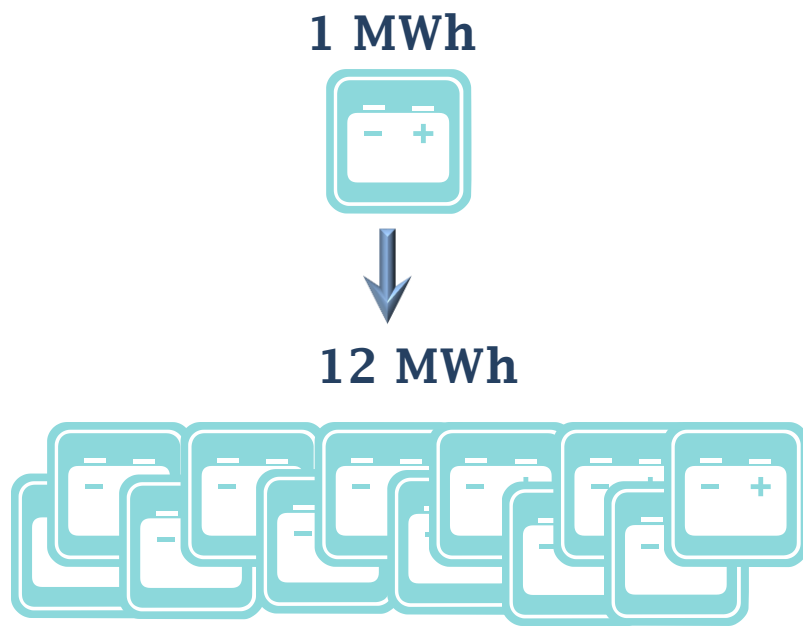
12 MWh



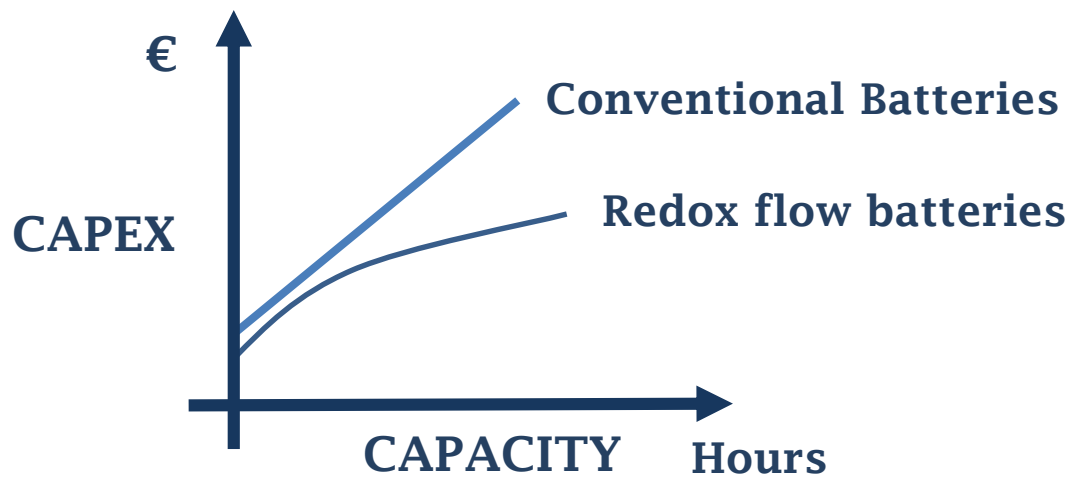
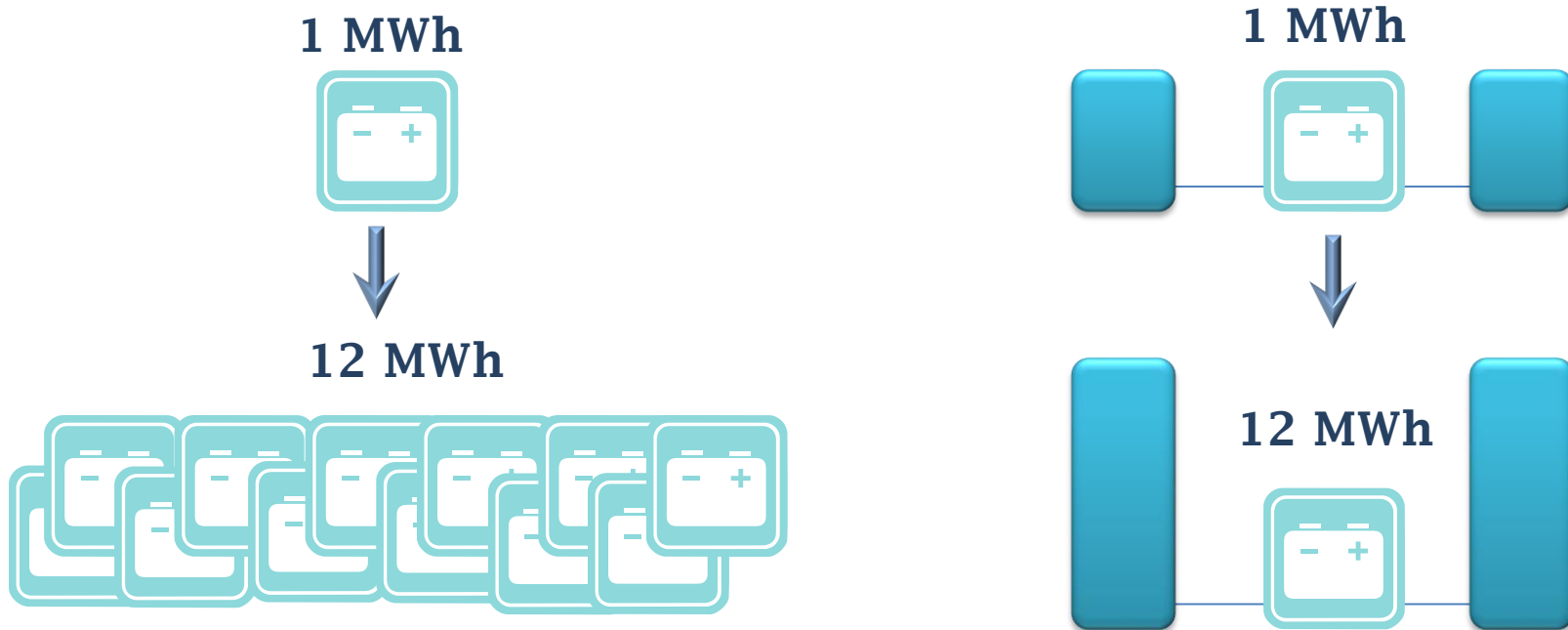
1 MWh



LOWER CAPEX FOR LONG DURATIONS

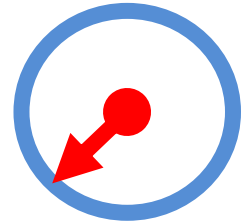


LOWER CAPEX FOR LONG DURATIONS



LOWER OPEX FOR KEMWATT'S FLOW BATTERY

- Conventional batteries' performance is short-lived
- Based on highly corrosive electrolytes, current flow batteries have high maintenance costs
- Kemwatt's 2nd generation flow batteries will deliver sustained performance over long lifetimes, and therefore a much lower OPEX



KEMWATT

- Kemwatt develops an innovative redox battery for the world market of stationary electricity storage
- Founded in Rennes in 2014 further to ISCR research works
- Raised €2 m. and secured grants for € 0.7 m.



- Key partnerships in France and the US



- Team of 8 highly skilled, international specialists



CEO



CTO



Process



Electrical



Electrochem.



Electrochem.



Electrochem.



Laboratory



CURRENT TIMELINE

Raised
€ 0.8 m.

Grants
€ 0.7 m.

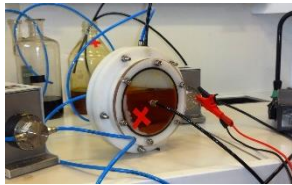
Raised
€ 1.2 m.

2014

2015

2016

Today



Lab
monocells



Industrial
monocells



Lab stack



Industrial stack
4 kW prototype



Full-scale
demonstrator
(20 kW)

NEXT STEPS

Fundraising
€ 5-10 m.



**Large scale
demonstrator**
(*> 100 kW*)

1st commercial products

Industrial upscaling

2017

2018

2019

2020

1st 20 kW system sale

1st large system sale

Sales of small systems

**Commercial sales to large
engineering companies**