# We-Share

Preparing for a data-driven future to solve weather forecasting challenges

Innovation for change

We-Share

We live in a world where wind energy is becoming increasingly important…

Global Wind Energy Production

2016

2,6% → **18%**

2050F

as % of
total global energy produced
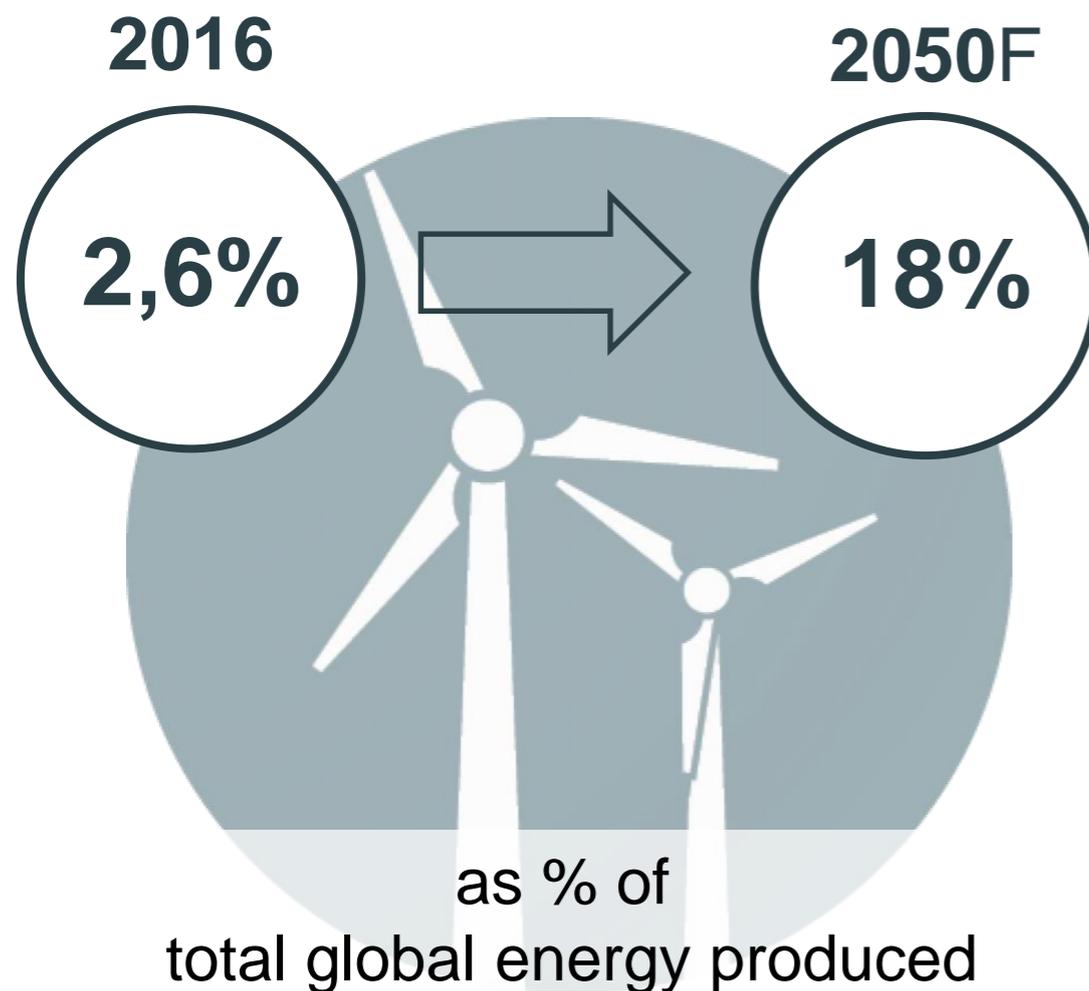
…and we know that
our kids will rely in a world
spinning on green energy

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PROBLEM

RES are not easily & well predictable
EX.: Today, wind predictions made
48-72 hours ahead are **still**
innaccurate

On average, 5% error
At peaks, 20% error

Average distance between
complete weather stations
from national weather agencies

25 – 30 km

Lack of weather data points
Low integration of data

To improve energy production forecasting accuracy, we need more
samples and a common platform for weather data

N° collecting
points

Quantity &
quality info

TECHNOLOGICAL CHALLENGE

What is the impact of bad wind forecasting?

GLOBAL

Unexploited amount of green energy

ENERGY BUSINESS

Higher production costs

(20% of total cost linked to lack in forecast accuracy)

CITIZENS

More expensive bills

Low forecasting accuracy represents an additional **cost** at a global, business and individual perspective

SOCIAL CHALLENGE

"People do not feel the need to share weather data"

1

LOW AWARENESS

Not aware of how important forecasts are to improve efficiency in energy dispatchment

2

NO INCENTIVES

No direct benefit seen in sharing this type of data

3

NO MEANS

No existing platforms were to share and integrate weather data

In order to increase the amount of data samples,
we need a way to FACILITATE
weather data collection and sharing

OUR SOLUTION - PART 1

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Start with schools a testing & promotional phase and scale-up to all strategically located institutions

SENSITIZE
New generation

TEACH
Meteoro-making

ENGAGE
Get people involved
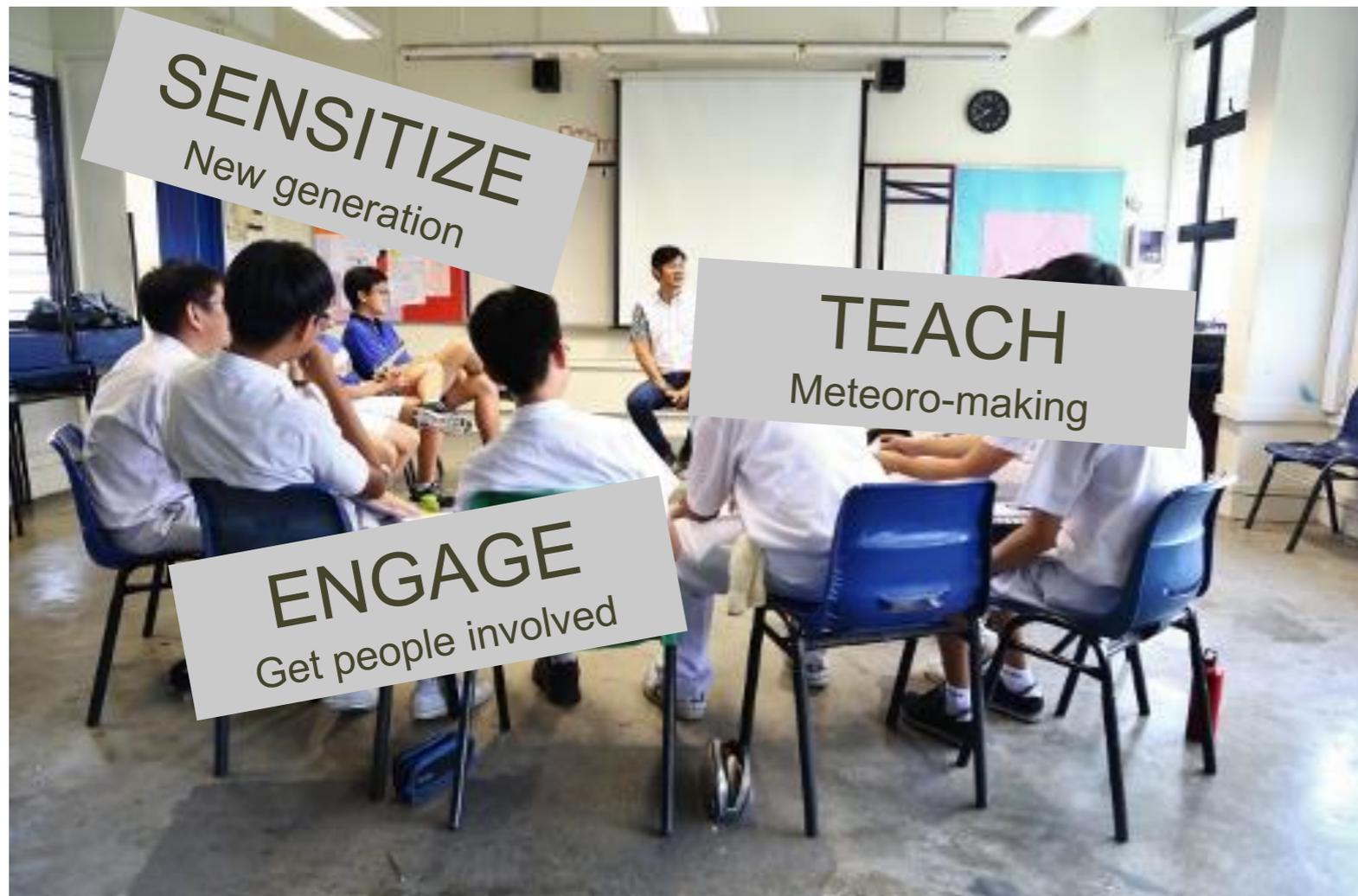
A way to explore the world of energy and big data…

…and build science experiments…

…while receiving fundings for data collected and engaging kids on sustainability and green energy

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Partnering with strategically-located and spread out entities on National ground

Step 1
Establish
a partnership
with *WeShare*

Step 2
Receive a weather
sensor for *free*

Step 3
Collect data and
contribute to the
platform

Step 4
Receive your
compensation

A new concept that will incentivize entities to contribute in
collecting weather data

OUR BUSINESS MODEL

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Enlarged
Network
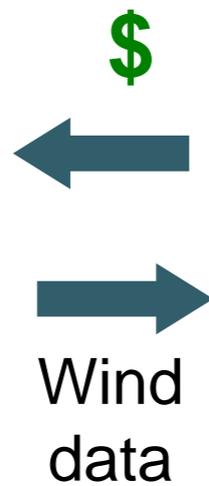
Weather forecasting
service businesses

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We-Share

Wind
data

Access
to data

Our platform
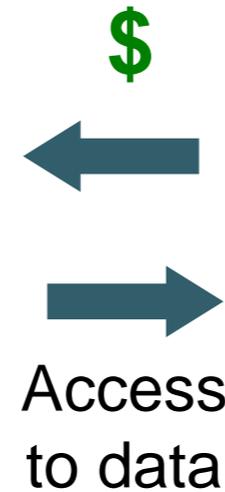
Contributor
compensation

*Business*
subscription

Real-time local data + Data Repository

OUR VISION

Support a generation of people in being the key to solve global challenges, making them sensitive to weather prediction in a new, collaborative way
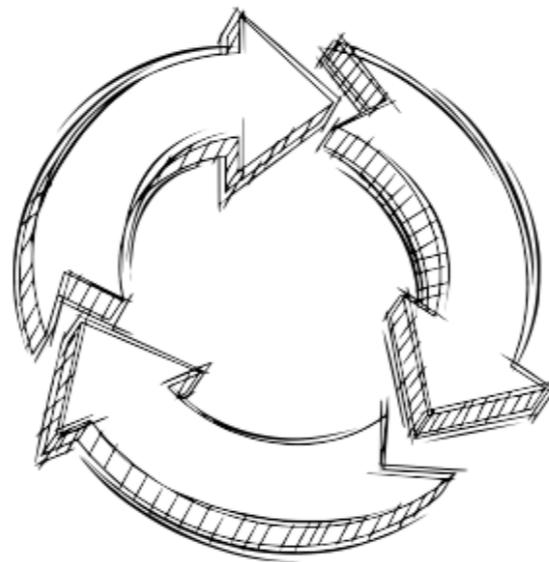
We all share the same planet, we should also share data in order to improve the quality of life. Weather forecasting is a crucial service that influences everyday life on several levels, and the energy business in particular.