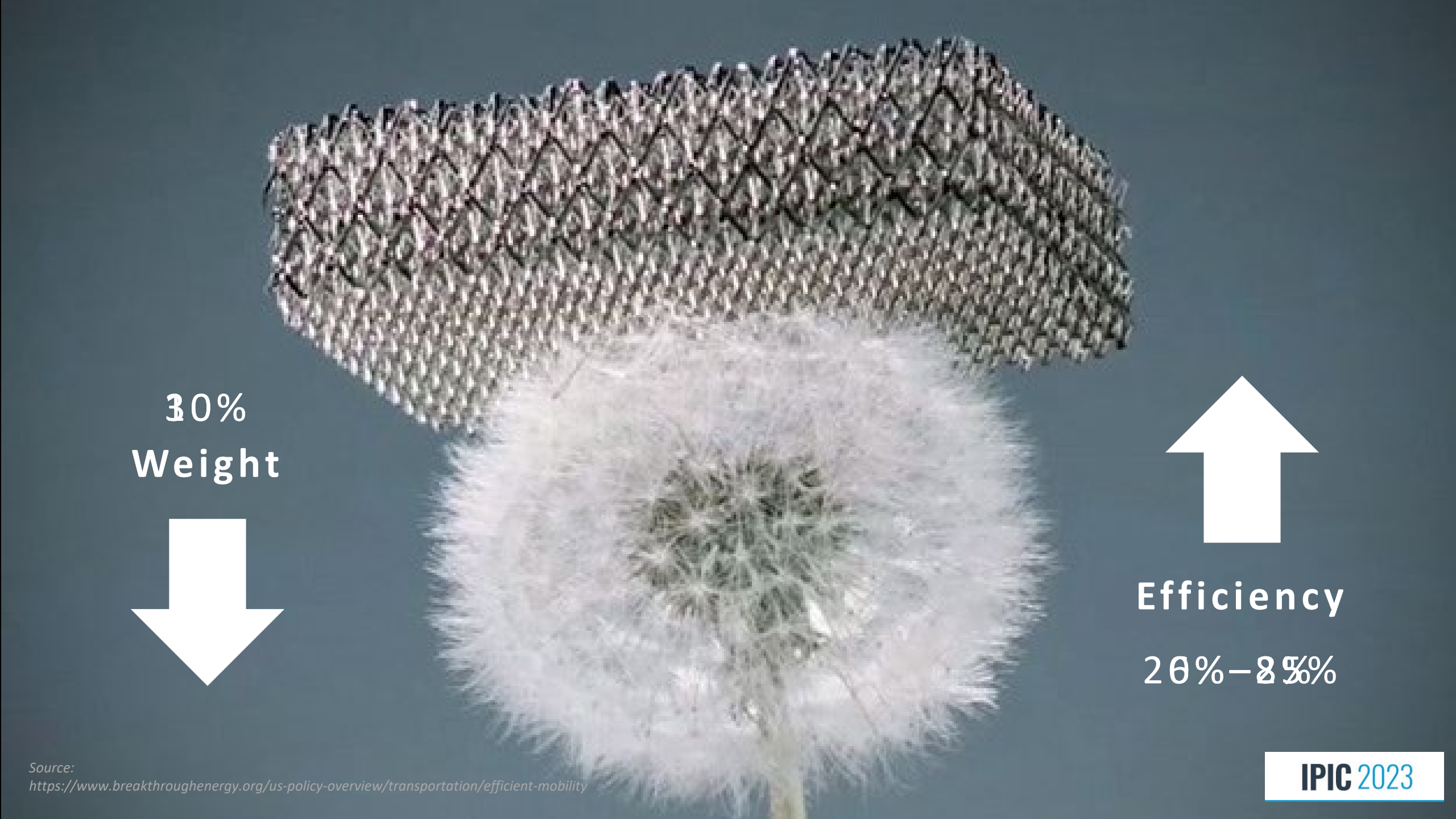
Session 1.D Innovative transportation packaging and load units pools supporting efficiency and sustainability

En route towards a Net Zero Carbon emission & Fully Connected Global Freight Transport.

Sotirios Ptochos
Co-founder, Senior Executive

PEOPLE

Did you know that...

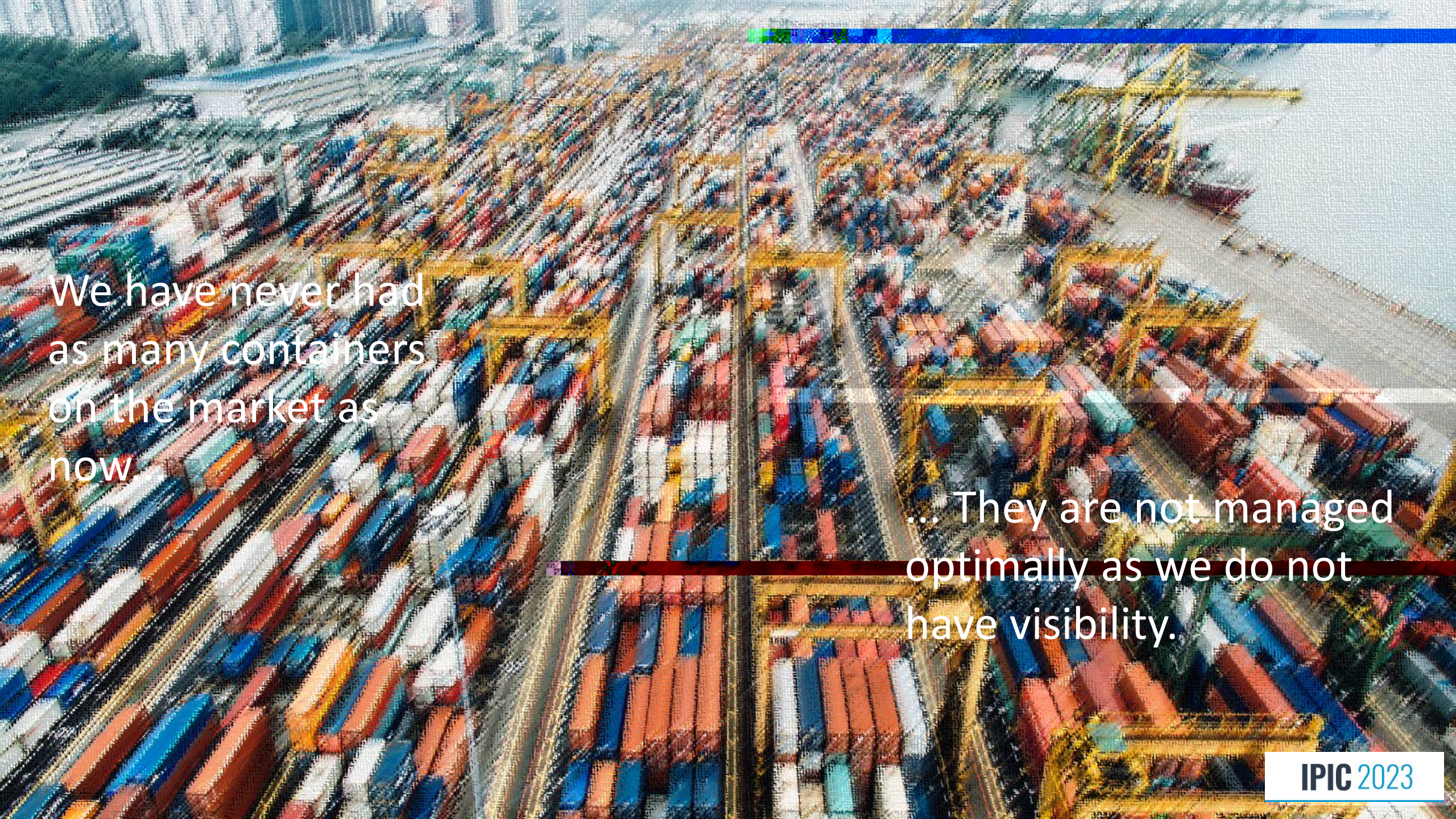


Source:
https://www.breakthroughenergy.org/us-policy-overview/transportation/efficient-mobility

Did you know that...

Trees are cut to manufacture wooden floor trucks, trailers, containers, pallets and other logistic units…
Today,
10 Billion more trees are cut down than are planted every year
IPIC 2023

Did you know that...


We have never had as many containers on the market as now
… They are not managed optimally as we do not have visibility.

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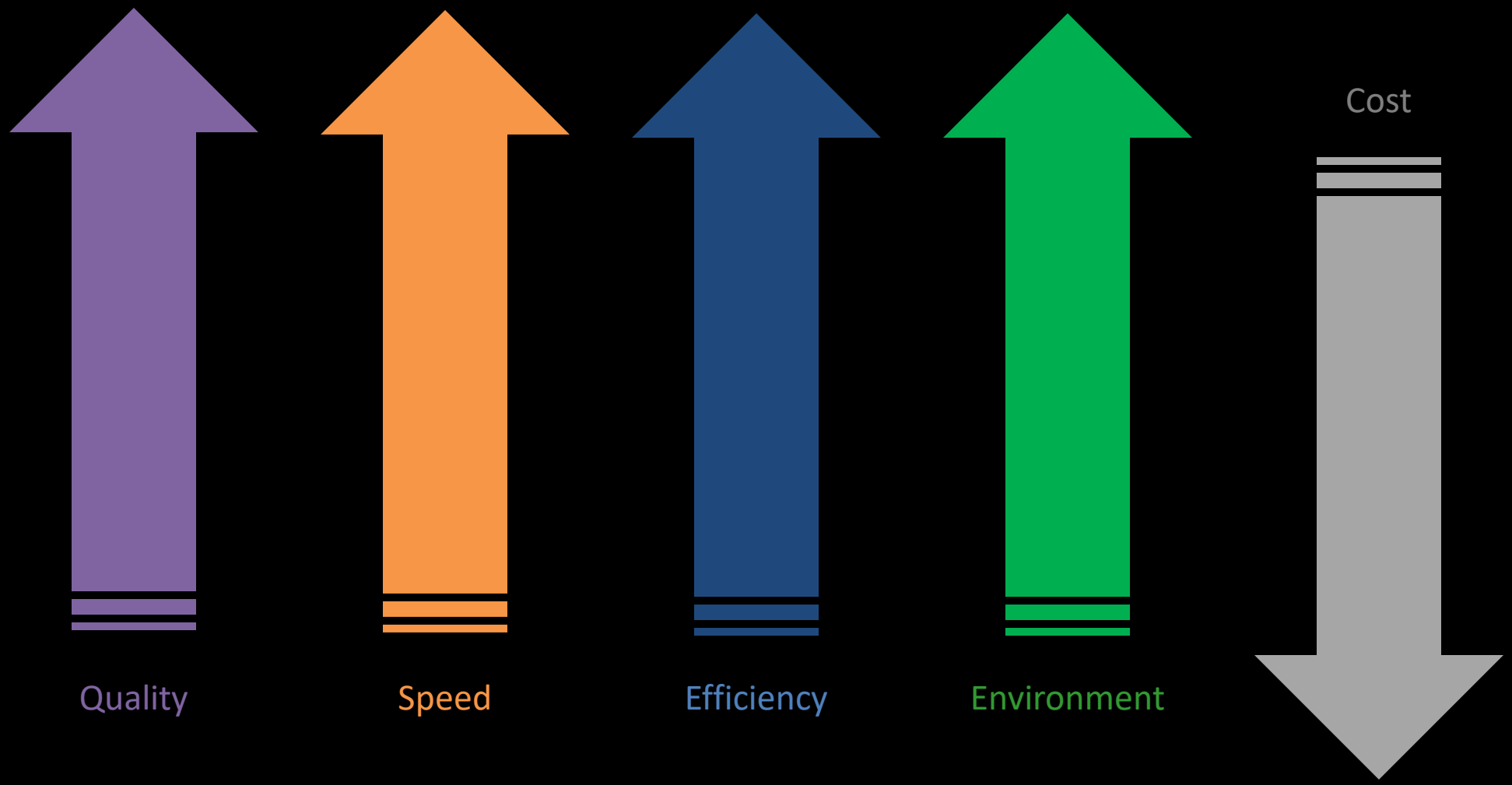
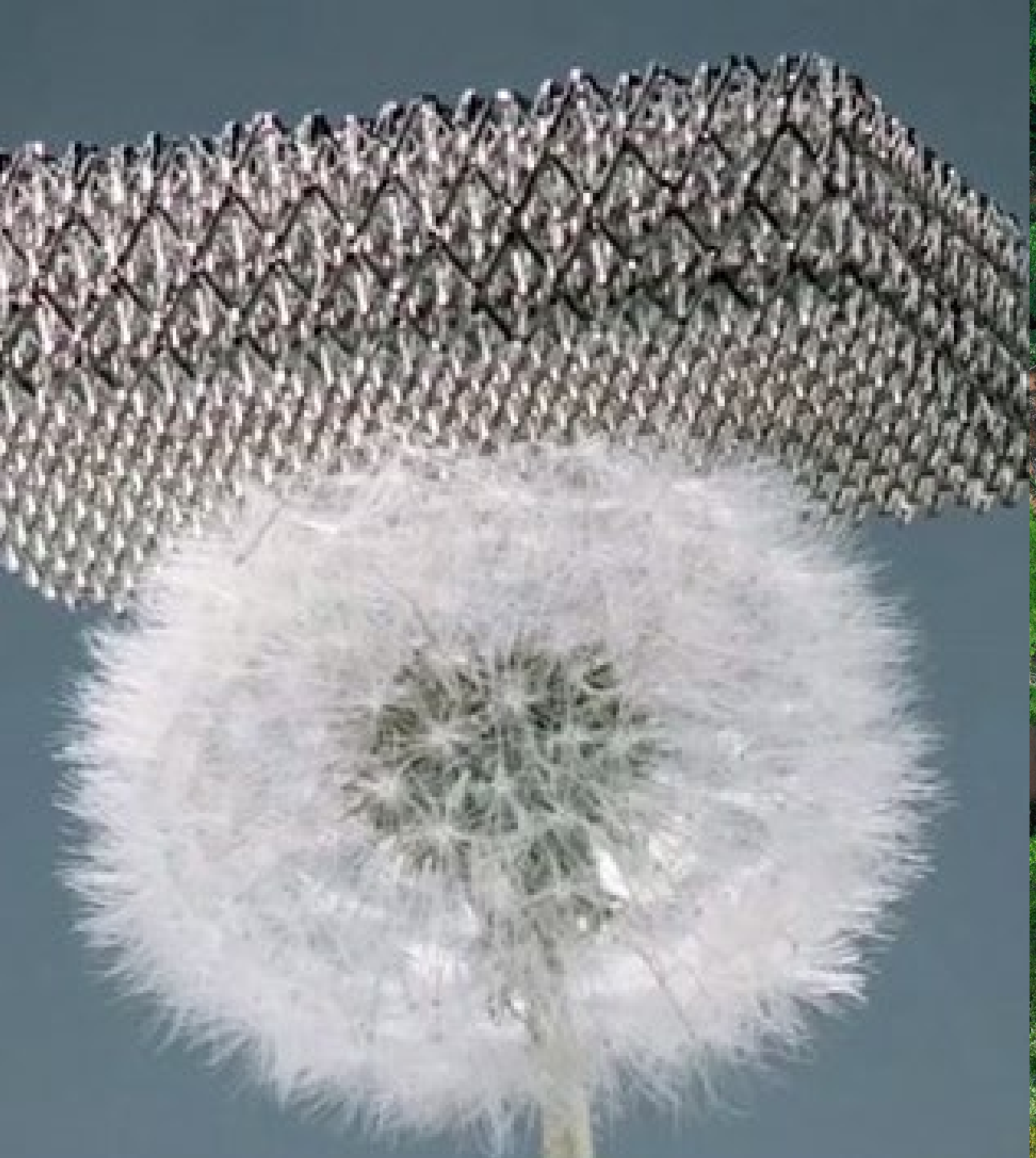
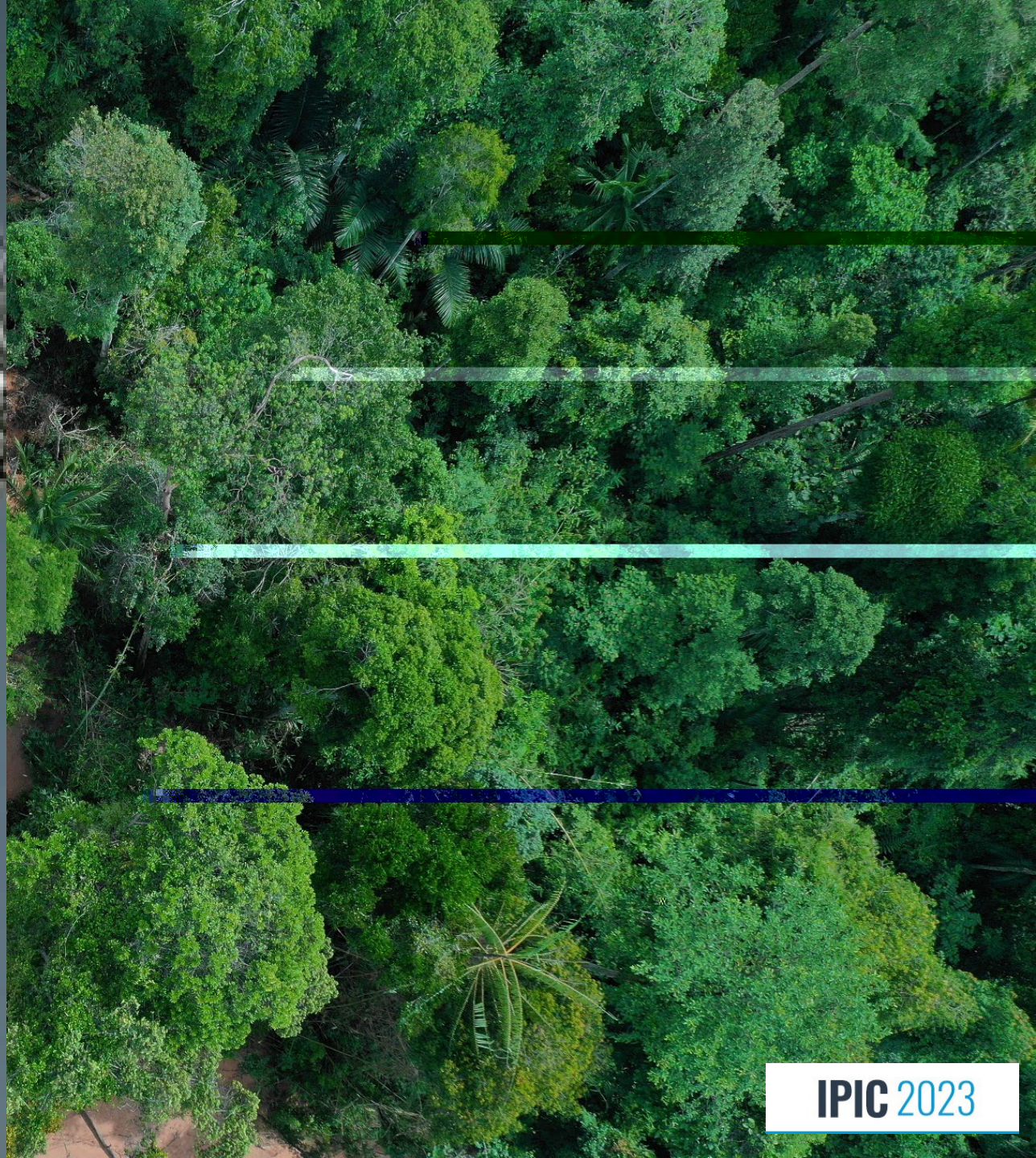

Cost
Quality
Speed
Efficiency
Environment





IPIC 2023

Save 205mn trees

Absorb 5,2mmt CO_2 / year

Reduce the amount of steel used

Stronger, safer (best in class)

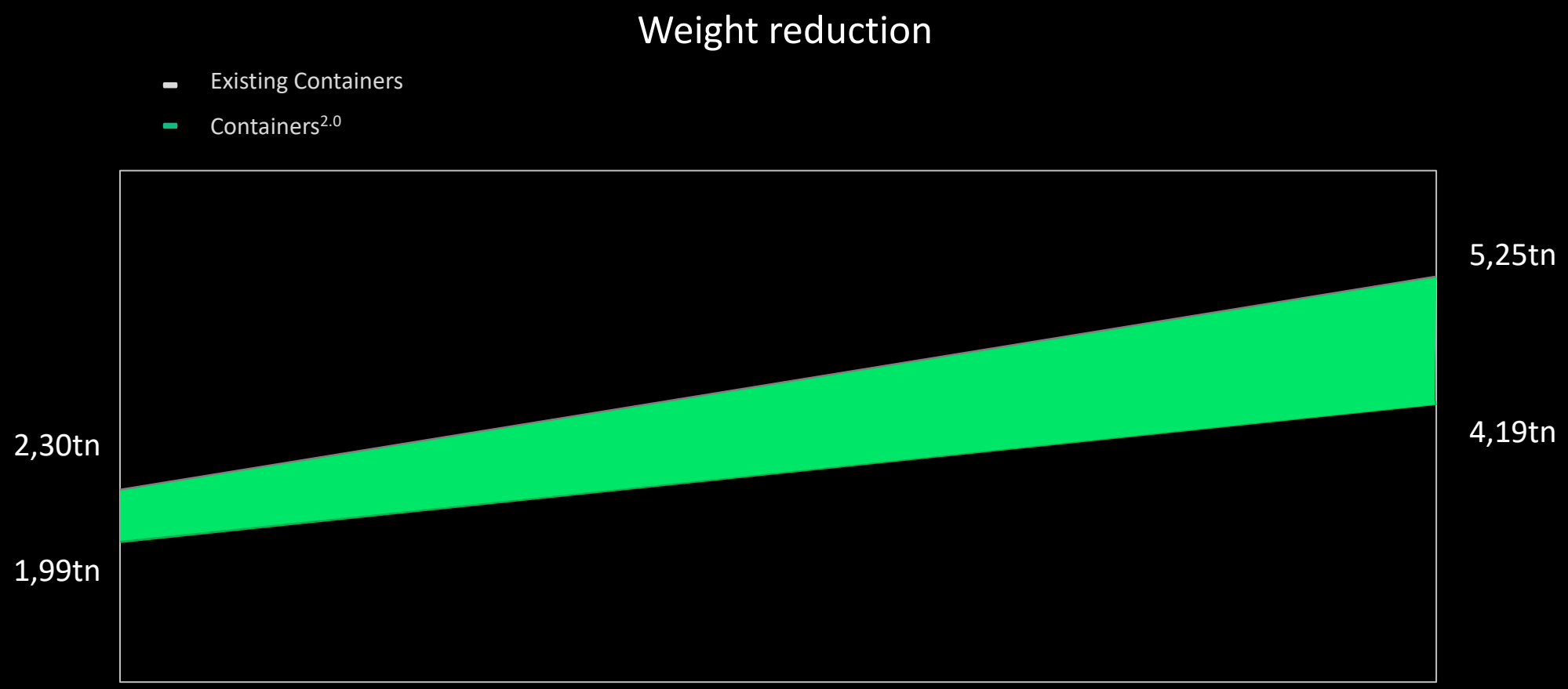
Up to 54.68% lighter

100% recyclable

No change to the production line

Cleaner, naturally hygienic, odorless

IPIC 2023

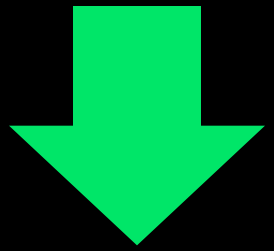


Container 2.0

The lightest container in the world

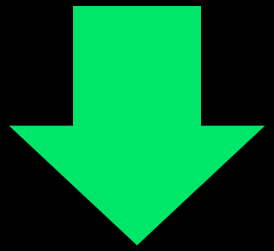
IPIC 2023

To Reduce...



800mn tons

The annual CO2e emissions



5%

...of transport annual CO_{2e} emissions

The Container2.0

has the Highest payload

in the world

Confidential

The Container2.0

has been tested with higher

loads than ISO standards

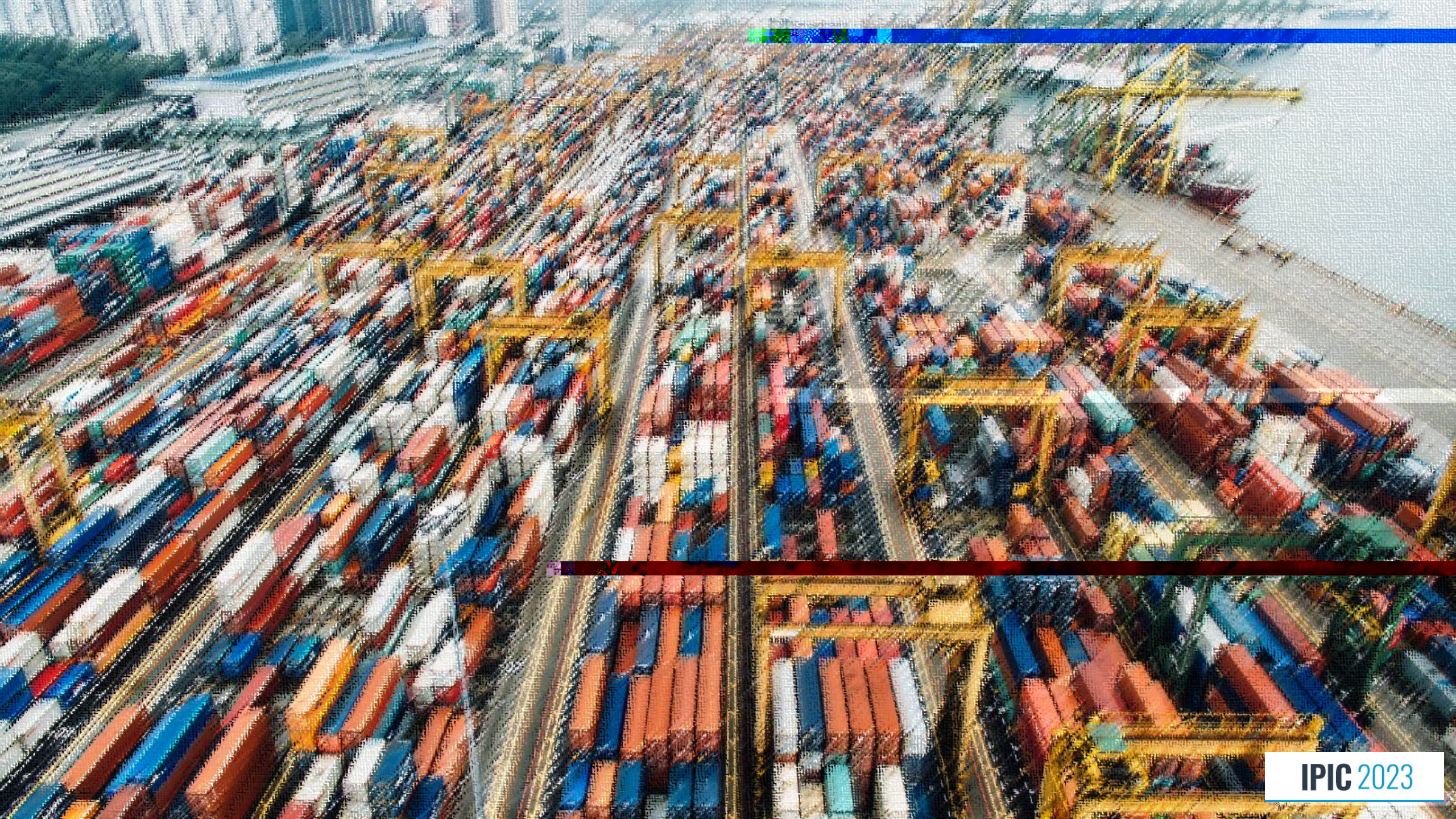
Confidential

Higher Payload

Less $C0_2$

Less Costs

Confidential


IPIC 2023

Destroyed

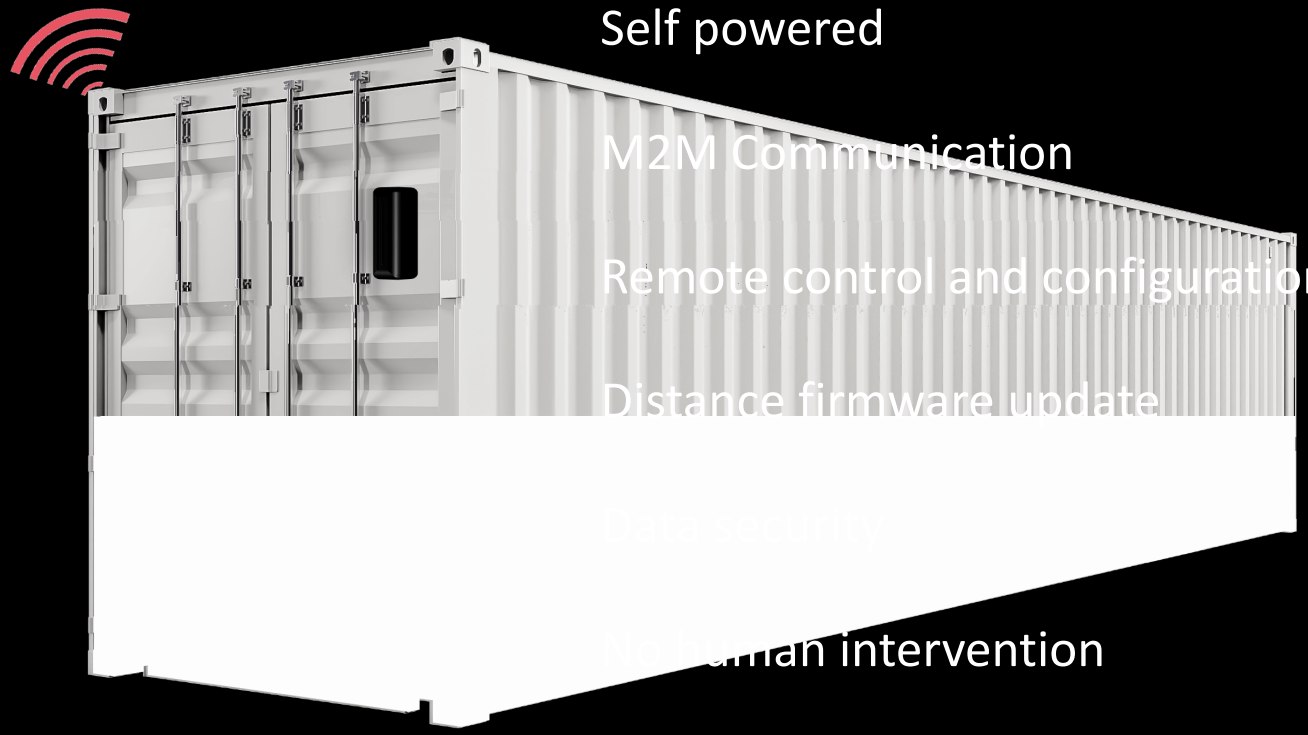
Removed

Deactivated

Delay on borders

Not suitable for all containers

No inside – out communication



Global Coverage

Self powered

M2M Communication

Remote control and configuration

Distance firmware update

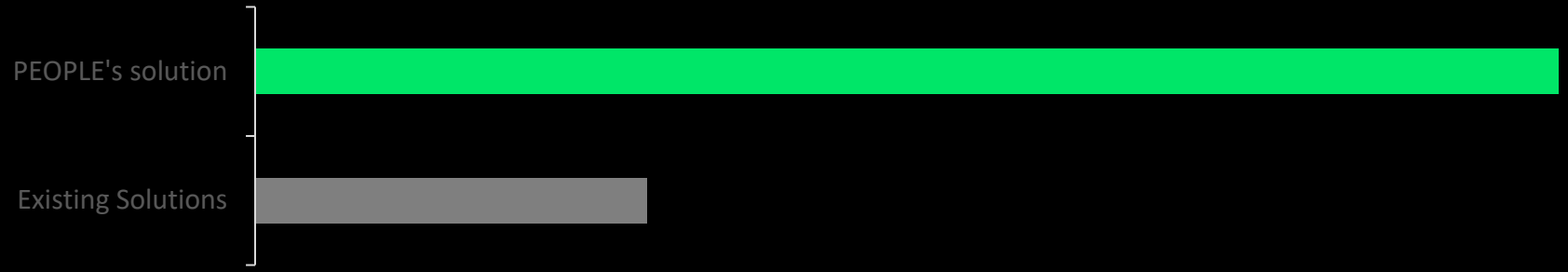
[illegible]

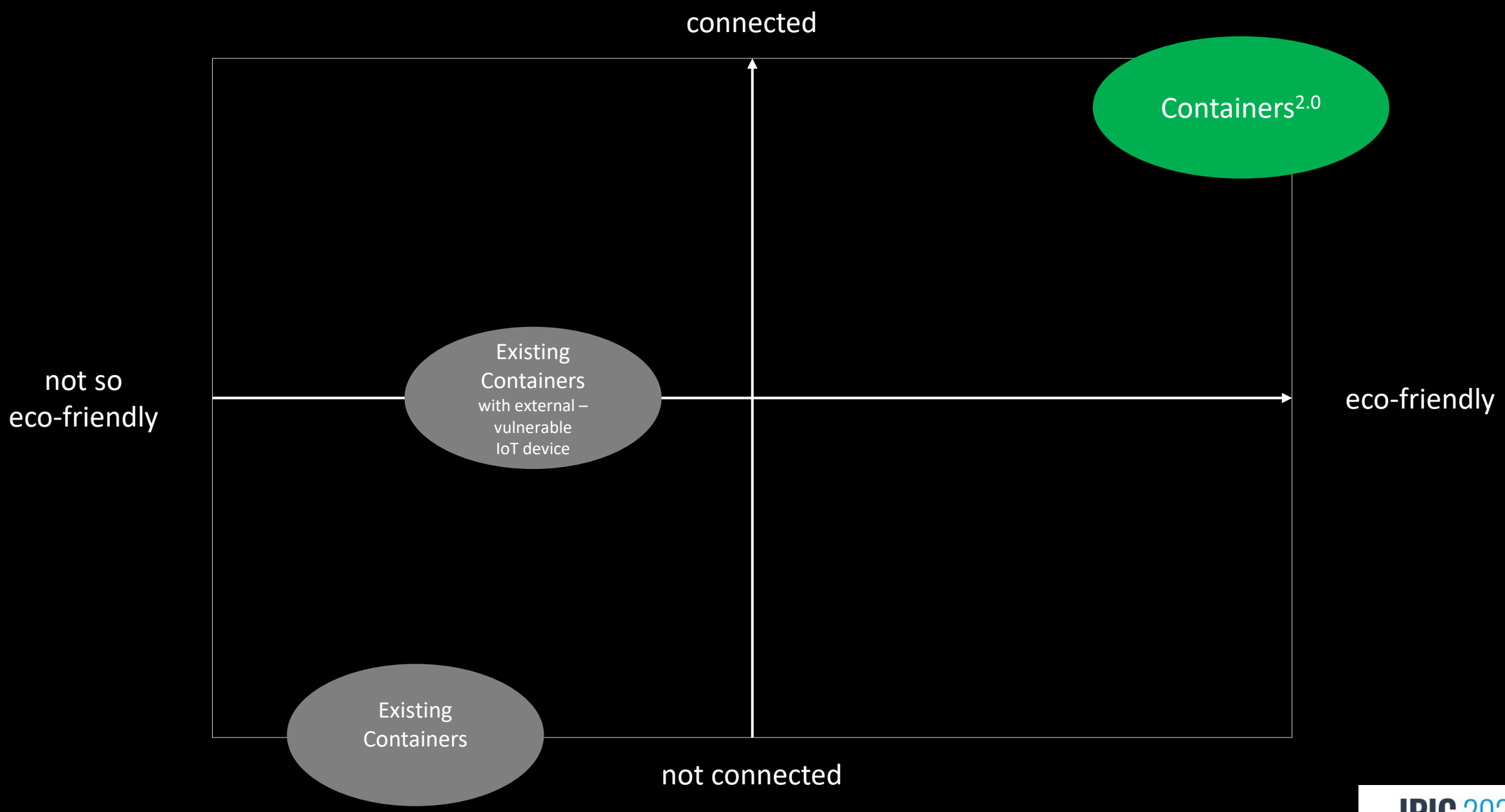
[illegible]human intervention

Energy management optimization

IPIC 2023

10 years




connected
Containers2.0
not so
eco-friendly
Existing
Containers
with external –
vulnerable
IoT device
eco-friendly
Existing
Containers
not connected

Confidential

PEOPLE

About PEOPLE...

Start Up of the Year 2022

Global AMBA & BGA Excellence Awards

IPIC 2023

Winner of Innovation of the Year award

World of Freight Expo Awards

IPIC 2023

Winner of Green impact award

World of Freight Expo Awards

IPIC 2023

TOP 10 Logistics Tech Solutions Providers in Europe

Digital Magazine Logistic Tech Outlook

IPIC 2023

12

Patents

5

Patents pending

The Challenges...

Reduce CO_{2e}
Save Trees
Increase Visibility
IPIC 2023

We envision...

A fully connected and Net-zero carbon emissions

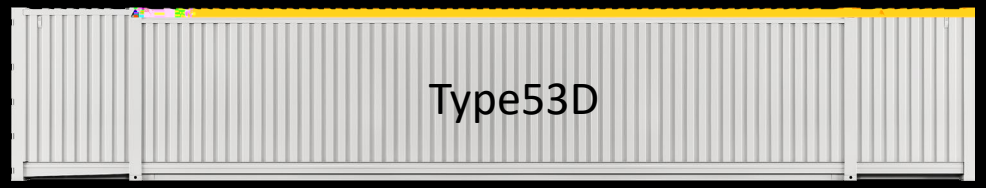
Global freight transport

We have developed...

A breakthrough solutions that collects and analyzes digital data and gives right-time visibility to all stakeholders for a more agile, flexible, safe and sustainable global supply chain

Our Solutions...

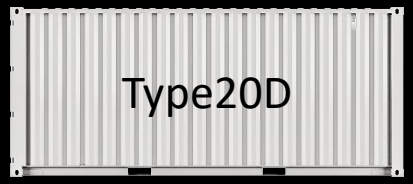
53ft HC



45ft HCPW

40ft HC

20ft DC



The Container2.0

The Eco-friendliest
And Only Smart
Dry Container In The World

IPIC 2023

Devices that can be installed in any logistic unit and make it smart

Smart Lock

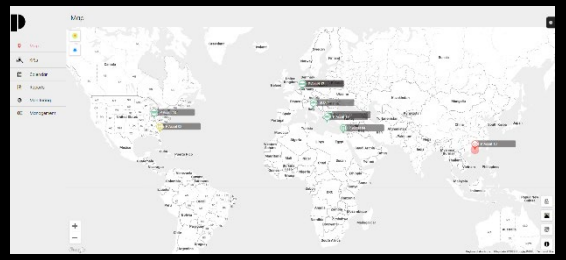
DoubleL

Flex

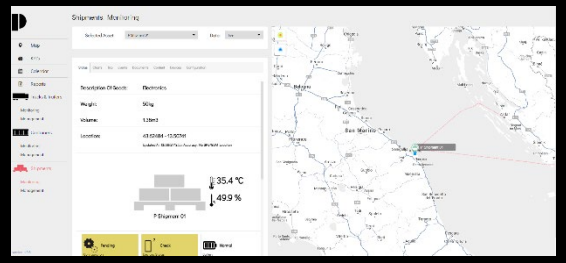
Coin

Live

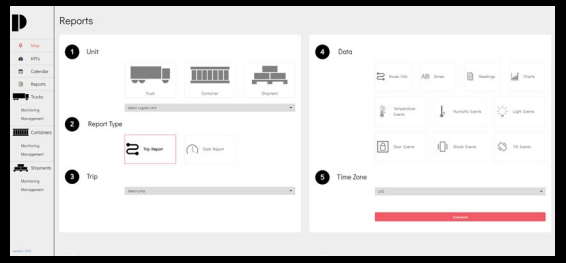
A Breakthrough & Fully Customizable Platform



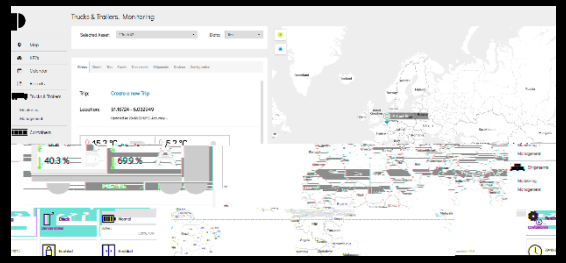
Assets Map



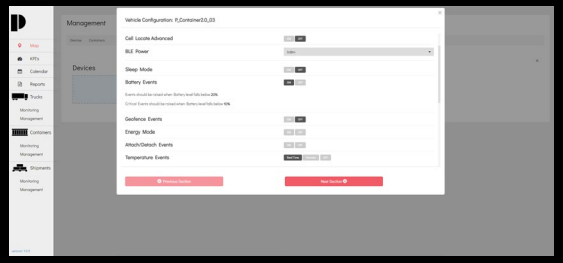
Shipment monitoring



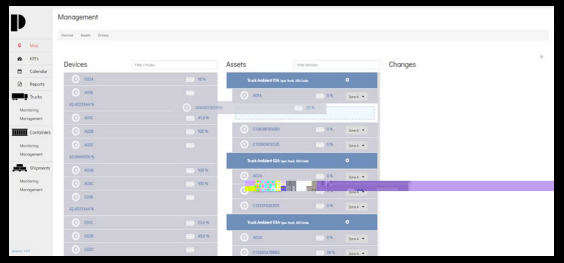
Real-time Reporting



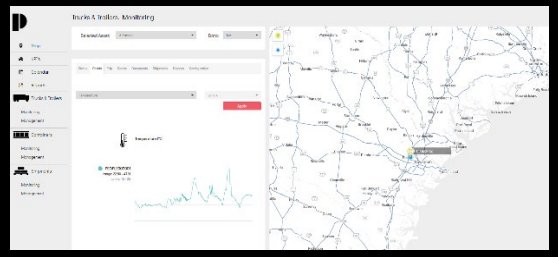
Truck/ Trailer monitoring



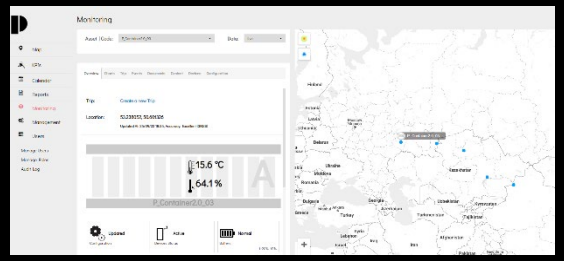
Full distance control



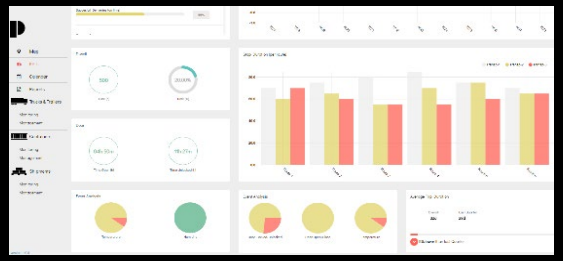
Easy set up & configuration



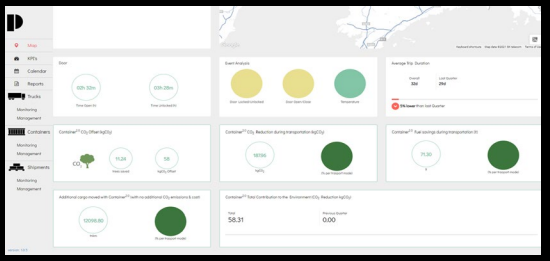
Graphs



Container monitoring



Performance KPIs



Sustainability KPIs

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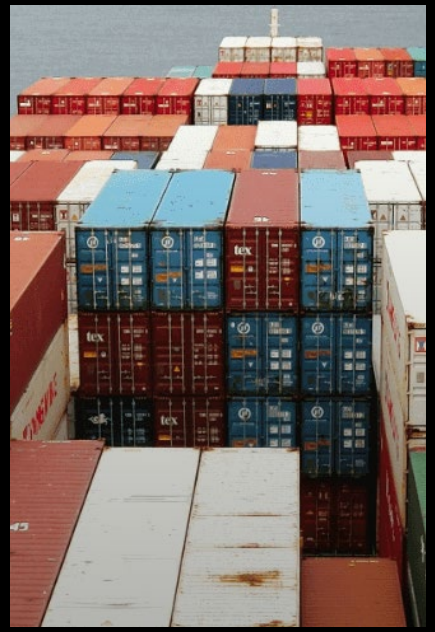
Field of Application

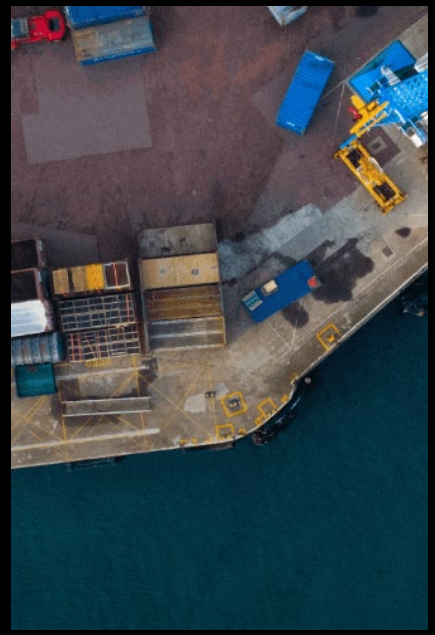
Pharmaceutical

FMCG, FB

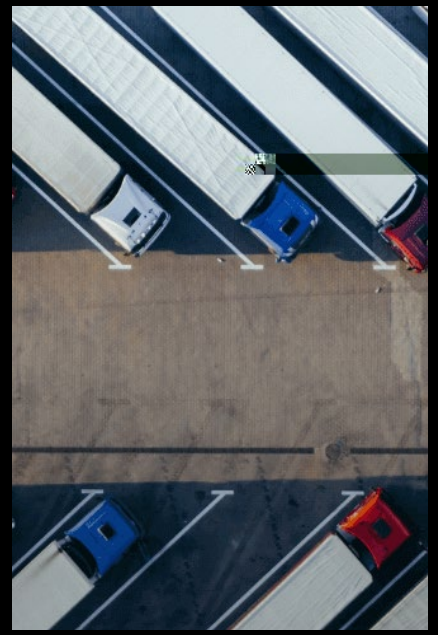
General Cargo



Sea & Land Ports



T&L



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Join us...

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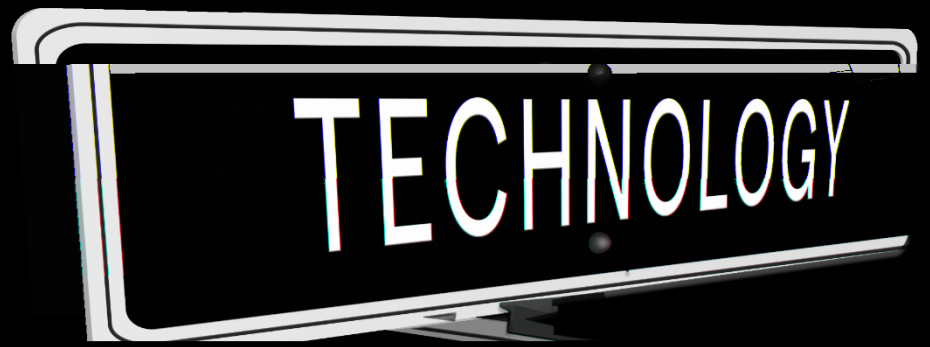
TECHNOLOGY