



CAPITAL MARKETS DAY

February 8, 2024





01

Welcome & Introduction



Mathieu Lefebvre
*Co-founder
& Group CEO*



Guénaël Prince
*Co-founder
& CEO USA*



Nicolas Paget
*Co-founder
& Executive VP*



2015

Launch of Waga Energy

2016

WAGABOX® technology finalization

2017-2020

Domestic rollout

2021

IPO on Euronext Paris

2023

North American market penetration

Mission

“Fighting against **methane emissions** with a profitable value proposition to all stakeholders”





VALUE #1: BOLDNESS



“To create a cutting-edge technology targeting all landfill sizes with strong competitive advantages”



VALUE #2: MASTERY



“To transform ground-breaking innovation into a robust industrial solution that guarantees safety and sustainable long-term profitability”



VALUE #3: COOPERATION



“ We are embarking highly motivated team members sharing our mission: fighting climate change”

Today's Speakers



Mathieu Lefebvre
*Co-founder
& Group CEO*



Guénaél Prince
*Co-founder
& CEO USA*



Nicolas Paget
*Co-founder
& Executive VP*



Anna Creti
*Independent
Board member*



Marie-Amélie Richel
CFO



Vincent Tisseire
*Business Development
Director Europe*



Tanguy Largeau
*Business Development
Director US*



Julie Flynn
Director Canada



Marco Venturini
*Business Development
Director RoW*



Lucie Tonnellier
Energy Director

Agenda

01	Welcome & introduction: Waga Energy Mission & Ambition	Mathieu Lefebvre Guénaél Prince Nicolas Paget	2:00PM CET
02	Landfill gas: a strategic pillar of RNG market	Anna Creti	2:10PM CET
03	Waga Energy proven technology: the key to commercial success	Guénaél Prince	2:25PM CET
04	Global expansion underway	Mathieu Lefebvre	2:40PM CET
04.A	European market: well on track with further upside opportunities	Vincent Tisseire	2:50PM CET
04.B	USA & Canada: commercial rollout addressing immense potential	Tanguy Largeau Julie Flynn	3:05PM CET
04.C	Rest of World: significant additional potential	Marco Venturini	3:25PM CET
04.D	RNG offtake market & strategy	Lucie Tonnellier	3:40PM CET
05	Looking ahead: gearing up for scale	Nicolas Paget	4:10PM CET
06	Outlook & financial objectives	Mathieu Lefebvre Marie-Amélie Richel	4:25PM CET
07	Conclusion & Q&A	Mathieu Lefebvre	4:55PM CET

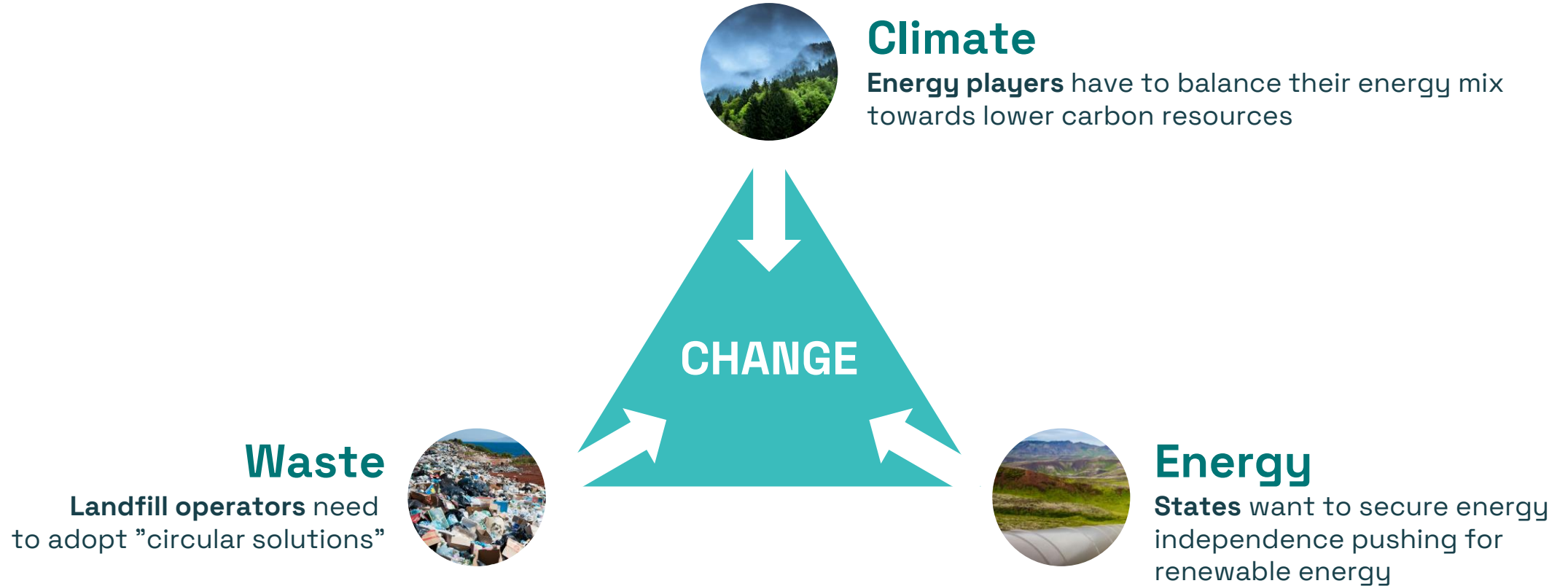


Anna Creti
*Independent
Board member*

02

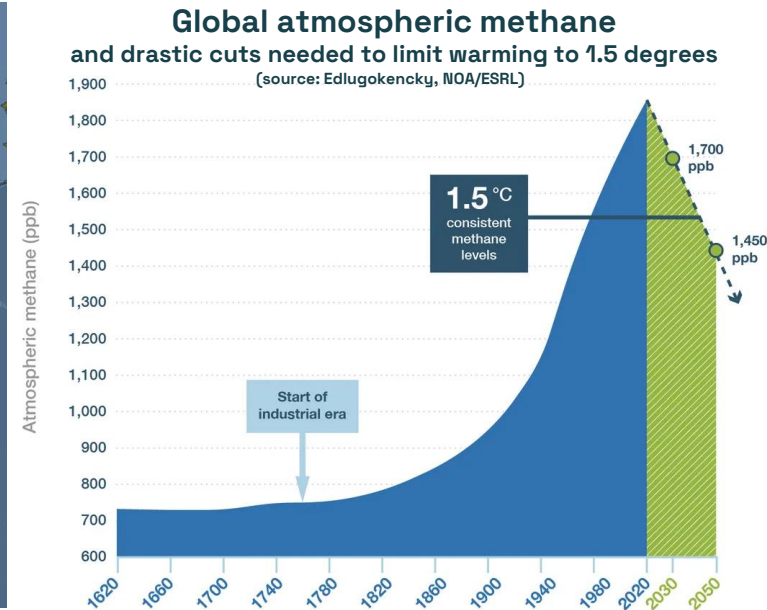
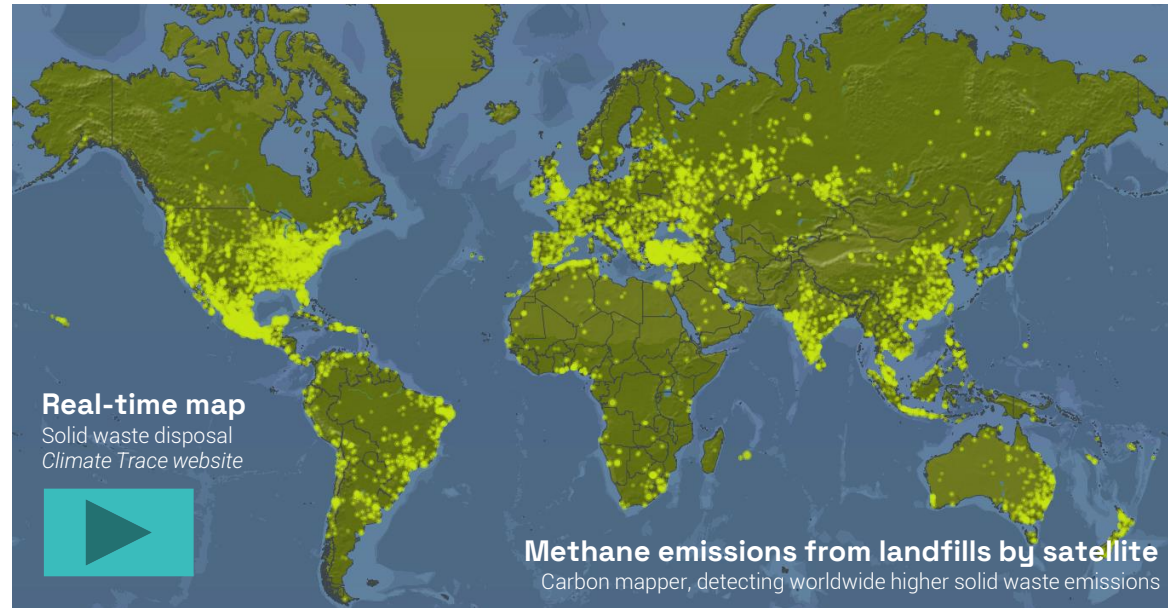
Landfill Gas:
a strategic pillar
of RNG market

3 pillars supporting the Biogas Revolution



Waga Energy benefiting from pillars' respective trends

Fighting climate change by upgrading wasted landfill gas into RNG



Because landfills are a major source of methane emissions, RNG upgrade is a fast track to mitigate global warming

Methane is responsible for **40% of global warming** and currently one of the fastest-growing greenhouse gases.

Methane remains in the atmosphere for only 9 years, i.e. 10x less than CO₂, but it is **25x more powerful** in terms of global warming potential.

(IPCC Report 2021)

~90% of landfill gas is released or flared

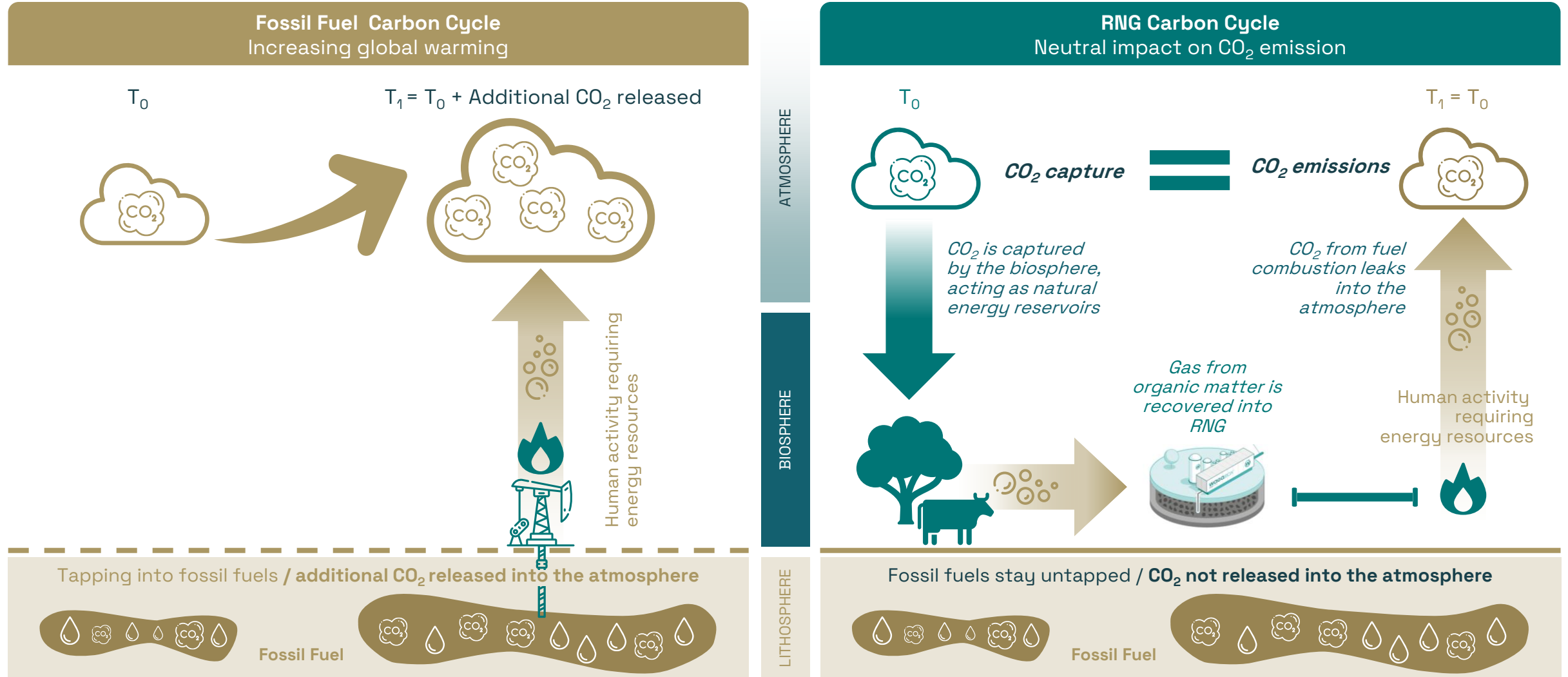
~10% is converted to electricity

Less than 1% is upgraded into RNG for grid injection

(Source: Waga Energy)

Renewable Natural Gas (RNG)

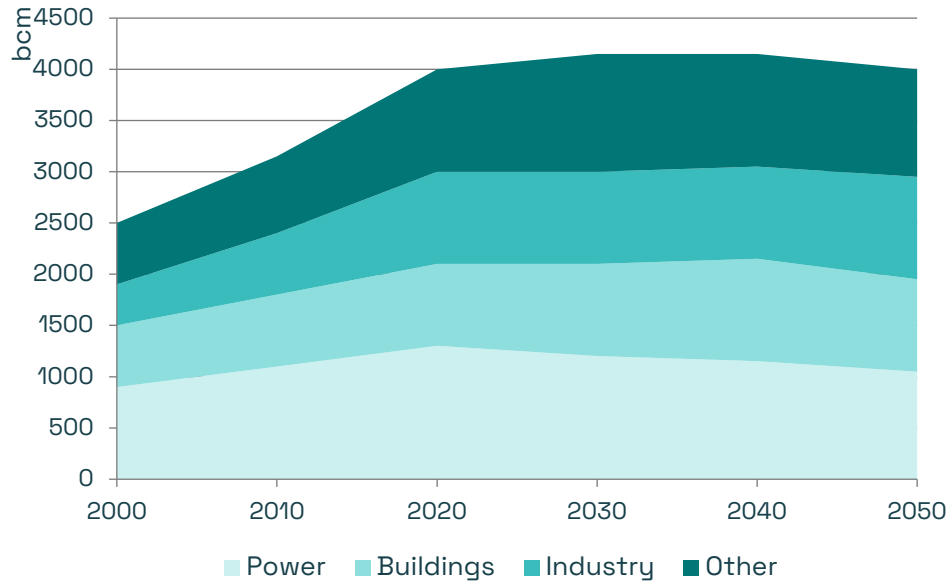
Local, renewable energy with no impact on climate



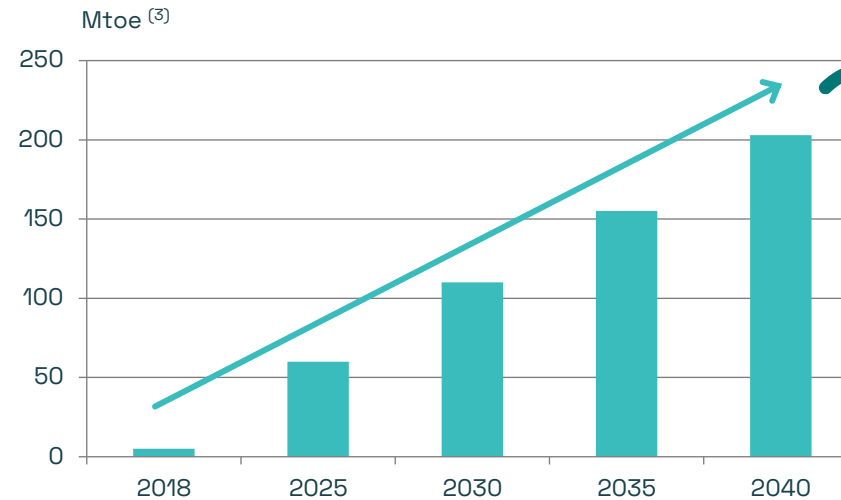
Renewable Natural Gas (RNG)

At the Heart of the energy transition

Sustained high level of natural gas demand by 2050 ⁽¹⁾



Strong global RNG demand by 2040 ⁽²⁾



- By 2040, share of RNG in natural gas consumption will increase

x8

A necessary Gas Mix Transformation in order to decarbonize the sector
“Clean & renewable, RNG is the perfect asset to replace fossil fuels”

1) 2023 World Energy Outlook, International Energy Agency

2) Source: IEA (International Energy Agency): 2020 World Energy/Outlook special report + Market report (“Sustainable Development scenario” 2018 – 2040)

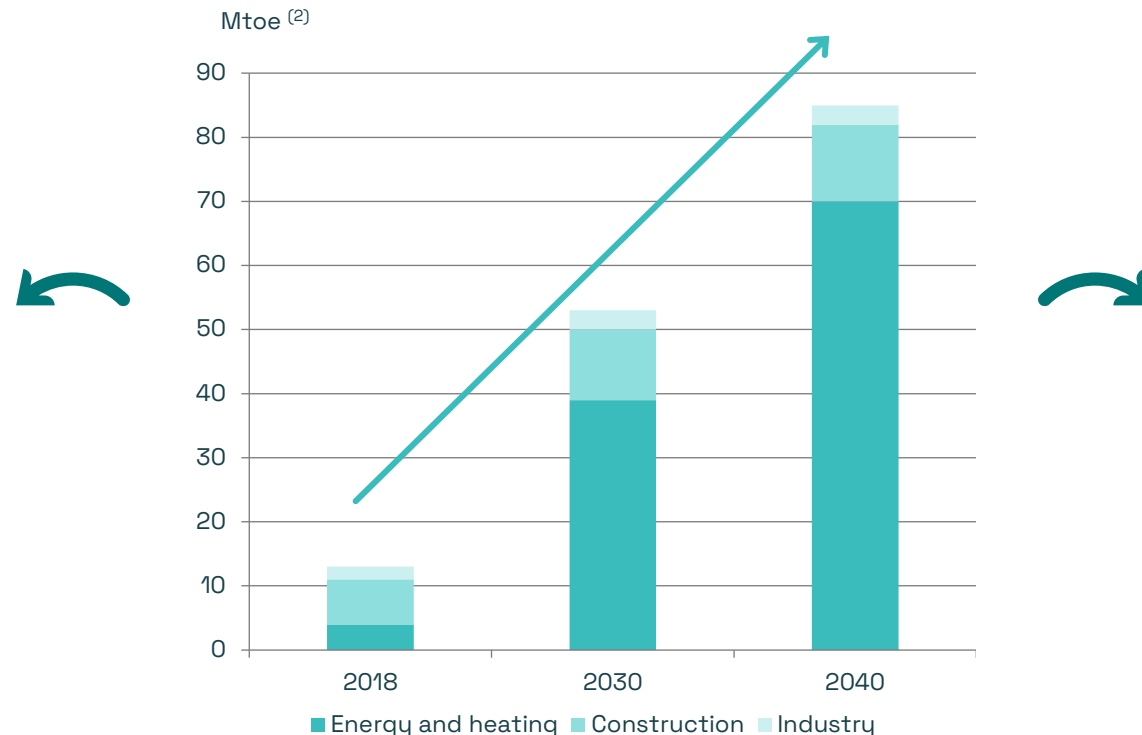
3) CO₂ emitted if natural gas had been emitted instead of RNG, as well as the methane emissions that would have resulted from the decomposition of untreated organic waste. 1 Mtoe = 11.63 TWh = 41.9 PJ (0.041868 Exajoule)

RNG, the best catalyst for industrial decarbonization

and achieving GHG emission reduction targets

RNG decarbonization potential across sectors ⁽¹⁾ (in developed countries)

- **Limited change in existing networks** and gas infrastructure, limited need for retrofitting (significant cost savings vs. hydrogen, LNG...)
- **Ability to enhance the seasonal and short-term flexibility** of future energy systems
- **Successful initiatives**, experiences & track-record enhancing **RNG competitiveness** in the world



- **By 2050, global waste methane emissions could be 6x reduced**, from 60 Tg A-1 to 11 Tg A-1 using technically feasible reduction strategies including active landfill covers, energy recovery, and omitting organic waste from landfills ⁽³⁾

(1) Source : IEA (International Energy /Agency) : 2020 World Energy/Outlook special report + Market report ("Sustainable Development scenario" 2018 – 2040)

(2) CO₂ emitted if natural gas had been emitted instead of RNG, as well as the methane emissions that would have resulted from the decomposition of untreated organic waste. 1 Mtoe = 11.63 TWh = 41.9 PJ (0.041868 Exajoule)

(3) 2022 publication, National Institute of Health, US Government <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9365275/>

Strong Public Support

with worldwide ambitious objectives



Inflation Reduction Act (IRA),
August 2022



376 TWh of RNG expected by 2040



10% of RNG in the grid targeted by
Énergir, the largest TSO in Quebec
by 2030



REPower EU, May 2022



7% of targeted RNG in the grid
by 2030



10% of targeted biofuels (mainly RNG)
in the transport industry in 2022



15 TWh of RNG / biogas use in 2030



United Nations
Climate Change



COP28
UAE

*"Nations at Climate Summit Agree to Move Away
From Fossil Fuels"*

The New York Times, 12/13/23

Energy independence: a major sovereign concern

RNG, a local, sustainable and competitive energy source

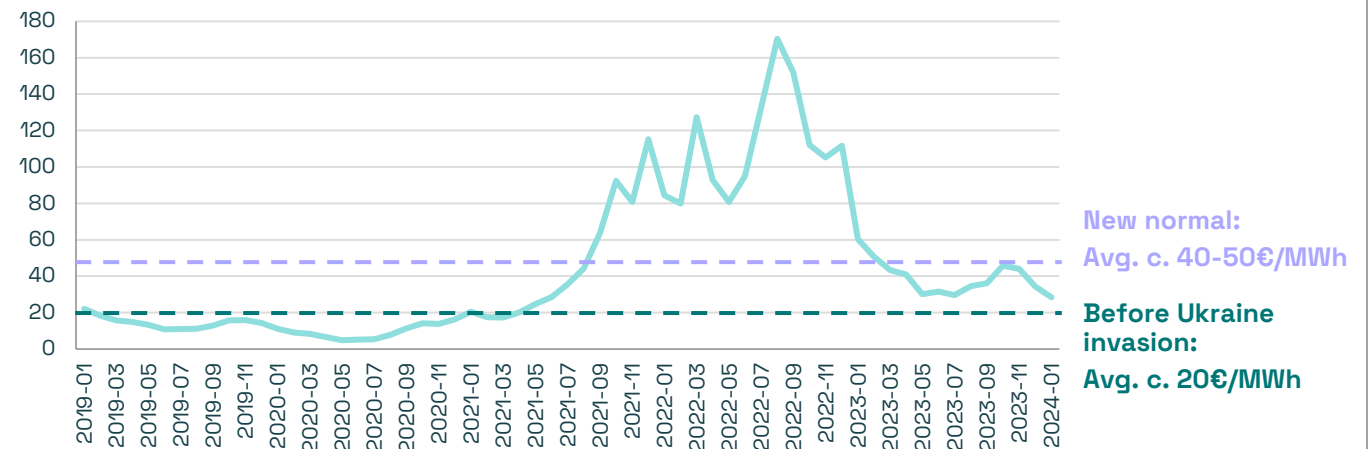
The war in Ukraine has reshuffled the cards in the energy market for all countries

- **Review of national and local gas,** oil and coal strategies/suppliers for energy autonomy
- **Diversification of energy supplies** through new international partnerships
- **Accelerated development of projects** that promote use of local materials, short supply chains and renewable energies



Lasting impact on the cost of energy, strengthening RNG competitiveness and development of projects with financial viability

PEG EEX monthly price (€/MWh)



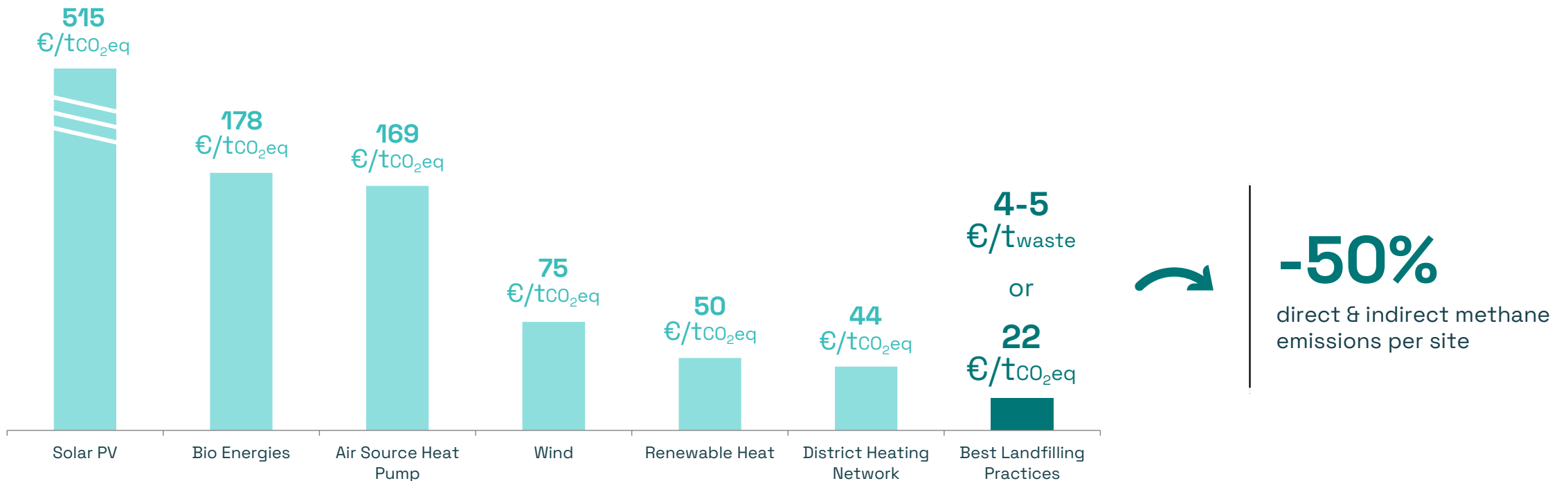
Countries now turning to alternative Energy sources, including RNG, to free themselves from Natural Gas Dependence

Source: EEX/ENGIE

Best landfilling practices

The most competitive CO₂ abatement cost

The most efficient use of capital for CO₂ abatement & massive decarbonized energy potential
(Public expenditures € / avoided emissions)



Source: E-CUBE Strategy Consultants report: "Contribution of non-hazardous waste landfills to the achievement of the GHG emission reduction targets in the EU"

Landfills: most common solution for waste management

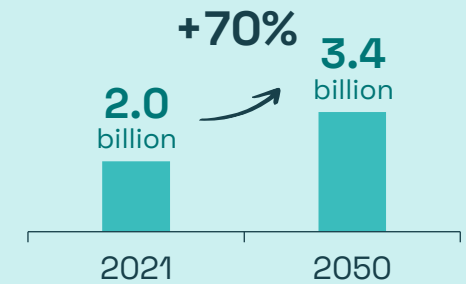
A worldwide structurally fast-growing market



70% of household waste is landfilled worldwide in **>20,000 landfills**



Tons of waste per year



Landfill model is the **main way** to manage household waste

03

Waga Energy proven technology:
the key to commercial success



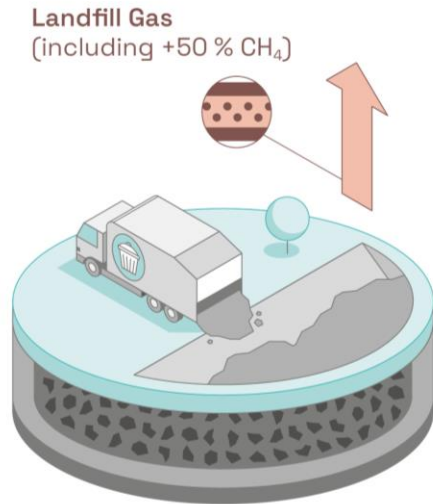
Guénaël Prince
*Co-founder
& CEO USA*

Landfill gas is an untapped energy resource

>90%

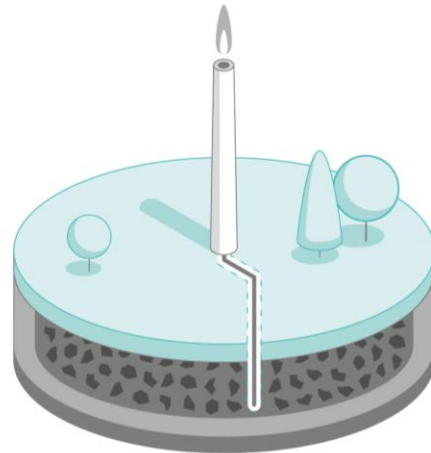
of landfill gas is **wasted**
(released to the atmosphere
or flared)

OPEN STORAGE



**THREAT
TO THE ENVIRONMENT**
Energy efficiency: 0 %

STORAGE IN LANDFILL SITES,
LANDFILL GAS CAPTURED AND FLARED

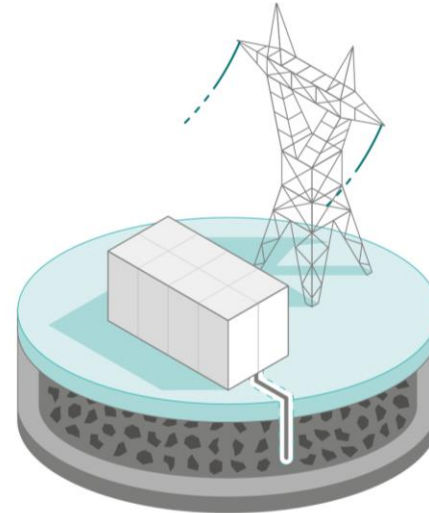


**NO ENVIRONMENTAL
PERFORMANCE**
Energy efficiency: 0 %

<10%

is **burned**
with low energy
yield

STORAGE IN LANDFILL SITES,
LANDFILL GAS CAPTURED
AND CONVERTED TO ELECTRICITY

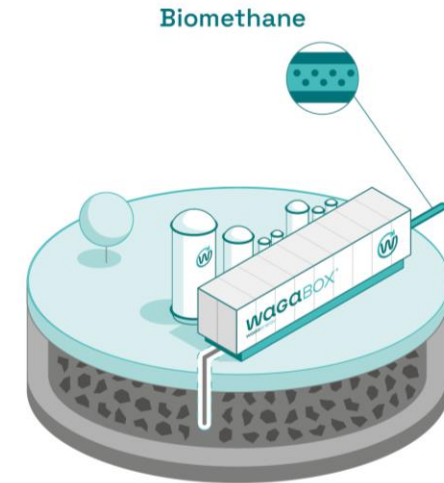


**LIMITED ENVIRONMENTAL
PERFORMANCE**
Energy efficiency: 30 %

<1%

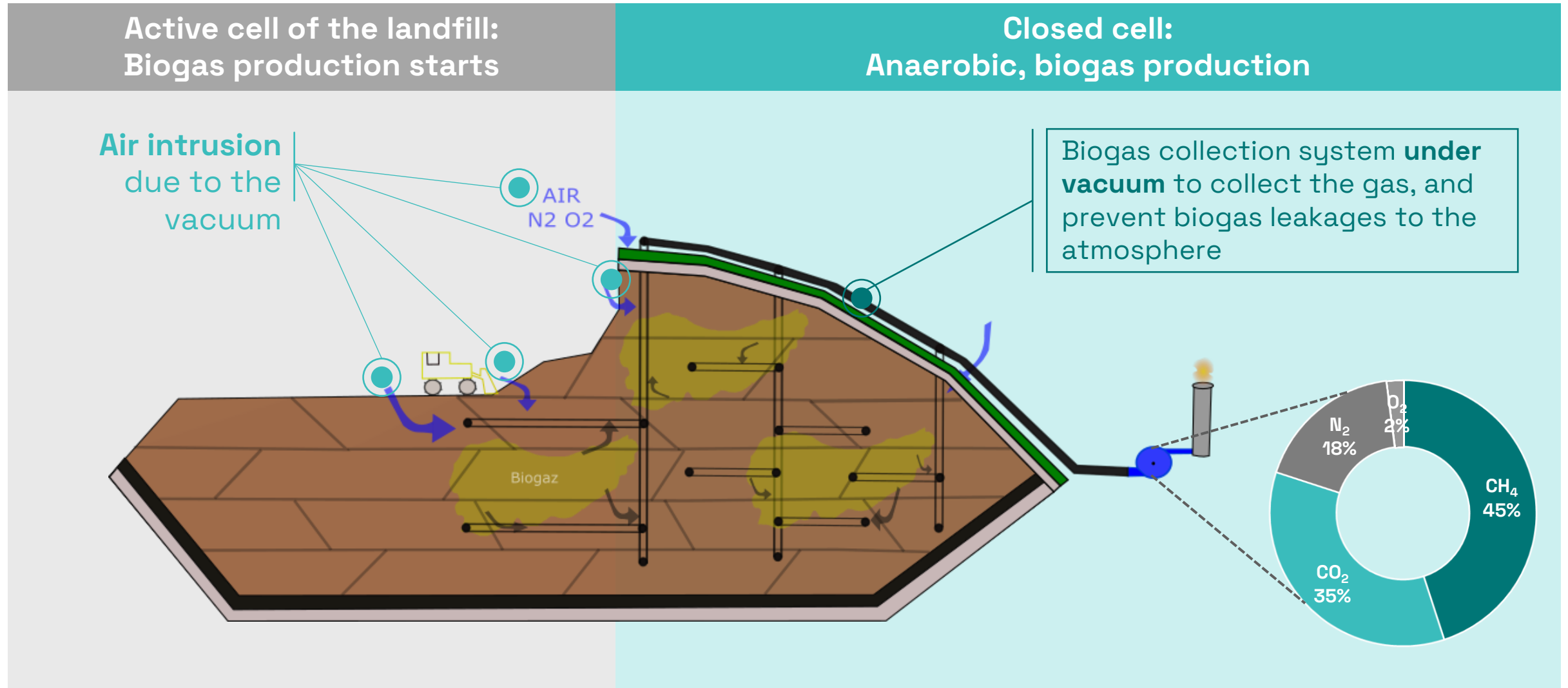
is **recovered**
and upgraded
for grid injection

STORAGE IN LANDFILL SITES,
LANDFILL GAS CAPTURED AND PURIFIED
INTO BIOMETHANE WITH WAGABOX® TECHNOLOGY

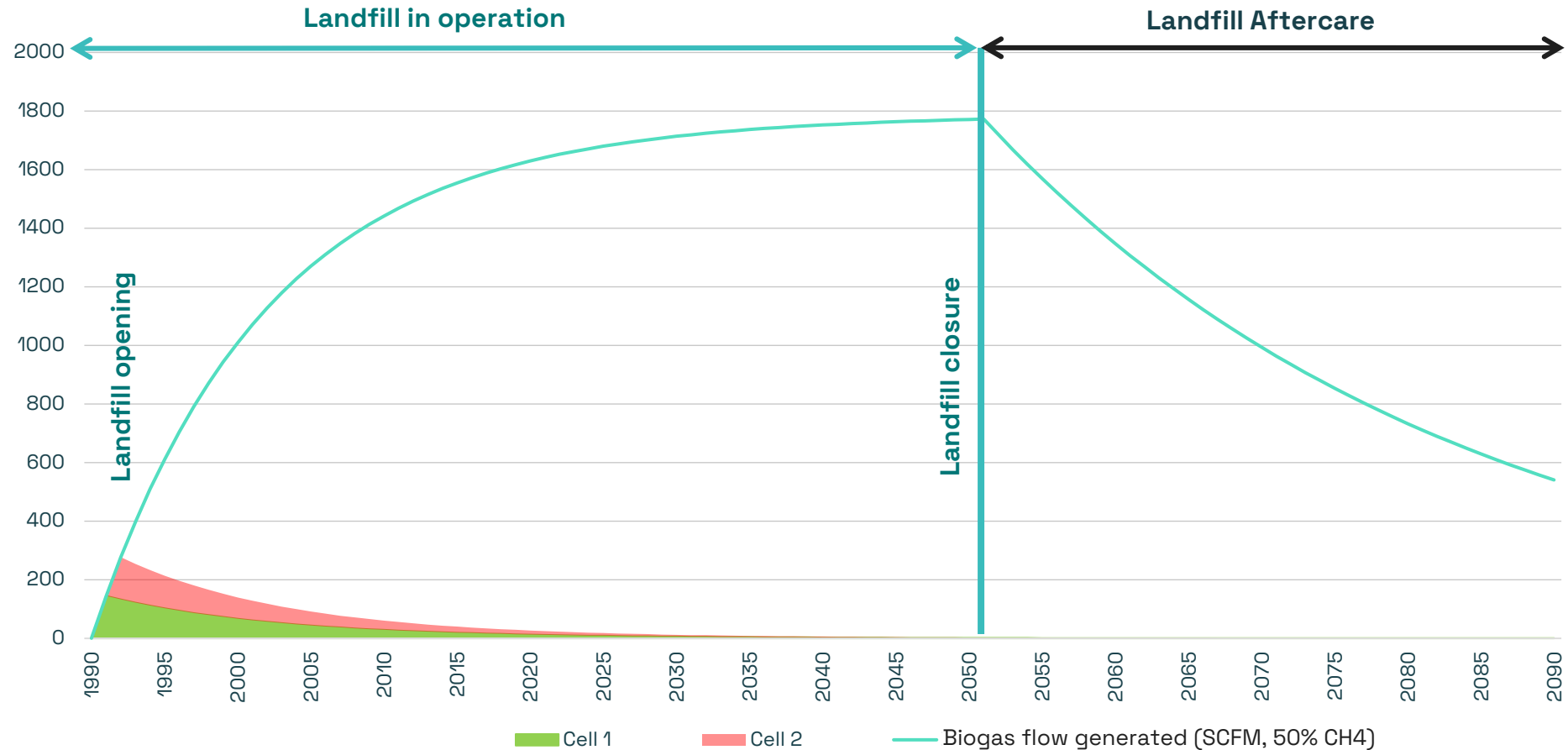


**OPTIMAL ENVIRONMENTAL
PERFORMANCE**
Energy efficiency: 90 %

Why is upgrading landfill gas into RNG a technical challenge?

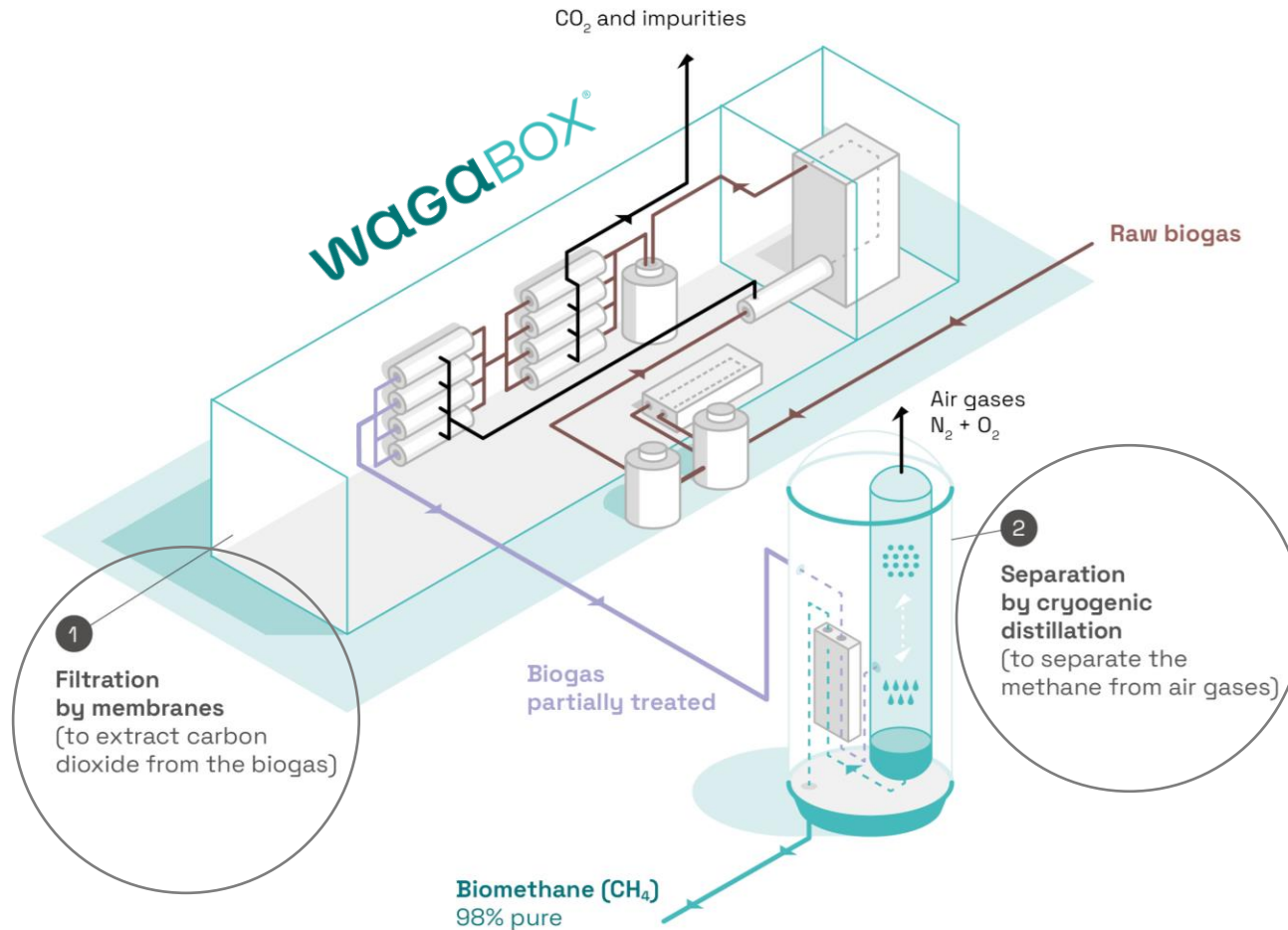


Long-term and predictable landfill gas production



WAGABOX[®], a proprietary technology to upgrade landfill gas into RNG

WAGABOX[®] is the only standardized solution adapted to all landfill sizes and gas composition



2

patented
processes

15+

years of R&D

>90%

of methane
recovered

>95%

equipment
availability

>98%

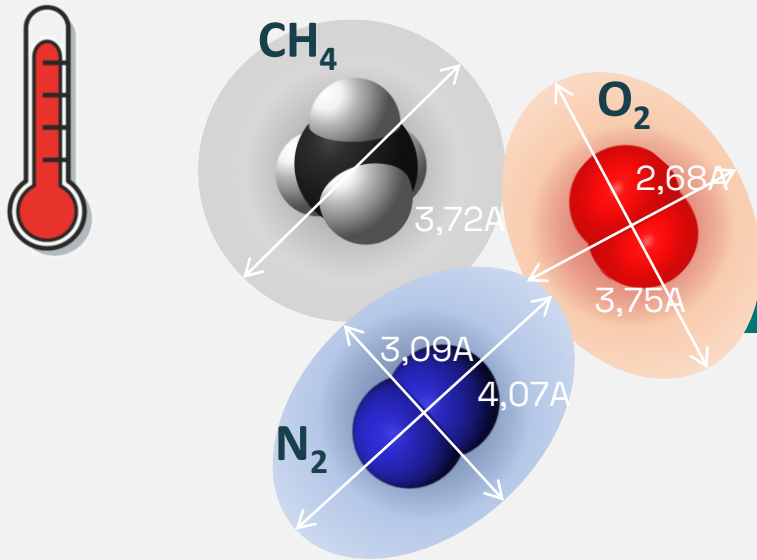
methane content
(grid compliant)

Up to 30%

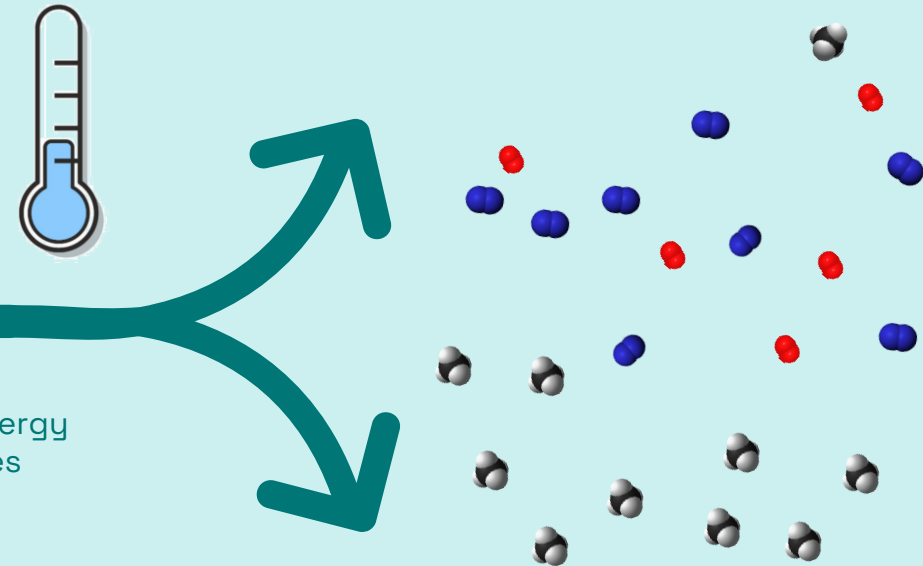
air tenure
processing
capacity

Innovative Cryogenic distillation to separate O_2 & N_2 from CH_4

At Ambient temperature ($15^{\circ}C$)



At Cryogenic temperature ($-160^{\circ}C$)



VAPOR PHASE

At ambient temperature:

- High energy, quick motion
- Molecules of CH_4 , N_2 & O_2 display very similar kinetic diameter
 - Very **hard to separate** molecule based on their size as in PSA or membranes
 - **Low selectivity**

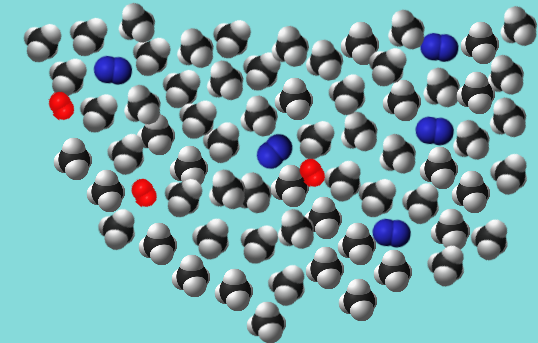
Cool down:

Removal of kinetic energy from the molecules

At $-160^{\circ}C$:

CH_4 molecules bind together (liquefaction); however N_2 & O_2 stay vapor

- **Easy separation, high selectivity**



LIQUID PHASE

High performances regardless of the air pollution

Landfill gas mainly composed of CH₄, CO₂, N₂ and O₂

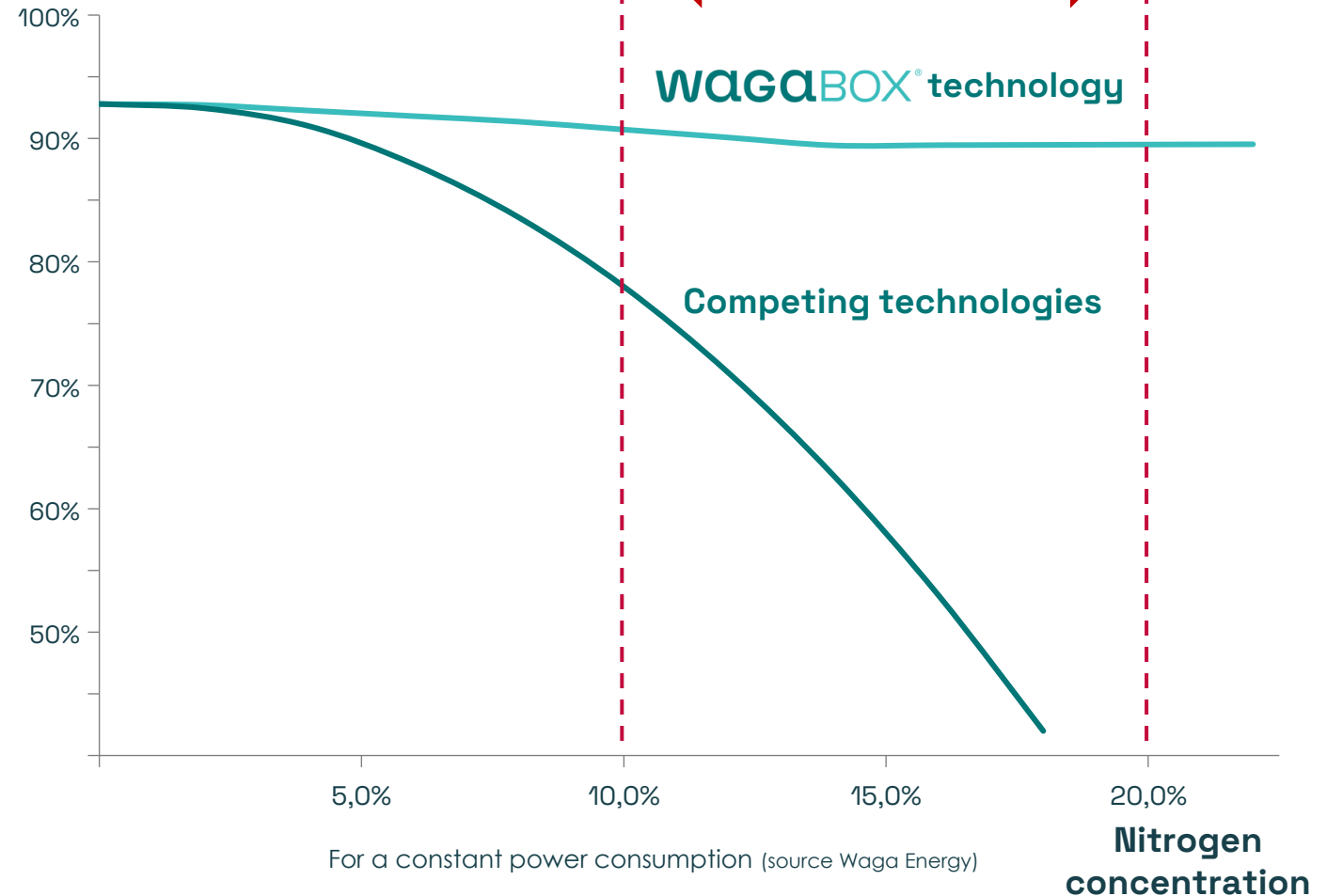
Gas composition varies across sites

Existing technologies are highly sensitive to air gas (N₂ + O₂)

Air gas and vacuum brings strong benefits to both landfill and RNG operators

Waga Energy's low pressure cryogenic distillation is the **only technology** able achieving **best results independently of landfill gas composition**

Methane recovery



A closer look at a WAGABOX® unit

WAGABOX® #8 – Suez landfill, France (2020)



Now we will measure the biogas composition (video)

Measuring the
composition of
landfill biogas

VIDEO





Mathieu Lefebvre
Co-founder
& Group CEO



04

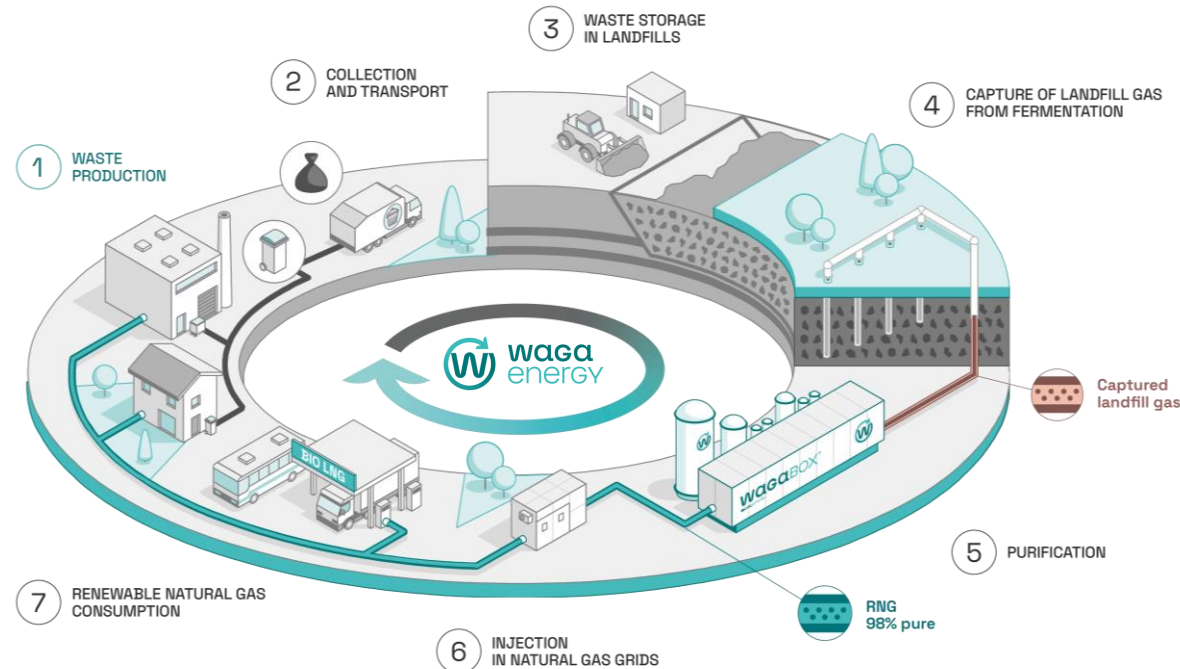
Global expansion
underway

Linking landfill operators with gas utilities & gas consumers

Pioneering the circular economy

Landfill operators

- ✓ Monetise wasted landfill gas – with **95%** guaranteed uptime
- ✓ No additional Capex / infrastructure
- ✓ Reduce carbon footprint & improve public acceptability



Gas utilities Gas consumers

- Competitive grid-compliant RNG ✓
- Predefined RNG price over contract duration ✓
- Green alternative to fossil fuels ✓

Landfill gas royalties



Long-term Biomethane Purchase Agreement (BPA)

Our business model

Develop, Build, Own & Operate

INTEGRATED BUSINESS MODEL



PROJECT DEVELOPMENT & FUNDING



6 - 36 months

- Assessment of landfill gas quality & volumes and feasibility studies
- Negotiation of landfill gas royalties with landfill operators and of RNG sale contract with offtakers: "Biomethane purchase agreement" (BPA)
- Engineering studies & Permitting
- SPV creation & financing

WAGABOX® UNIT MANUFACTURING & ON-SITE DELIVERY



12 - 24 months

- WAGABOX® unit manufacturing and pre-assembly
- On-site construction activities: Balance of Plant (BoP) (electrical and gas grid, civil work, etc.)
- WAGABOX® unit delivery on client site

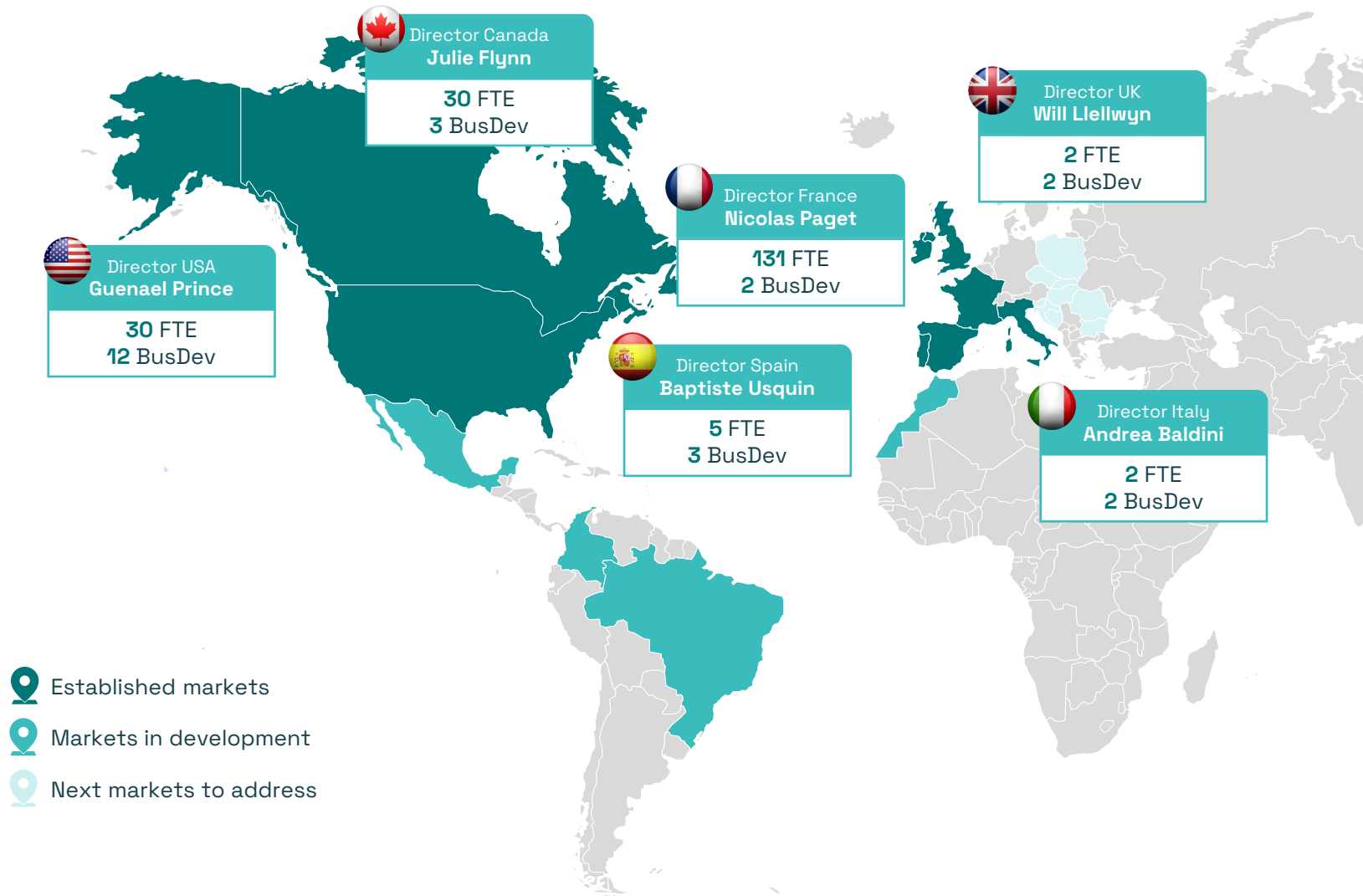
SALE OF RNG, OPERATIONS & MAINTENANCE



10 - 20 years

- Landfill gas royalties
- Sale of RNG for grid injection
- Backed by multi-year intake / offtake contracts
- Operations & maintenance services

Global opportunities for continuous expansion



**~1,000 TWh RNG potential
in ~20,000 LANDFILLS WORLDWIDE**

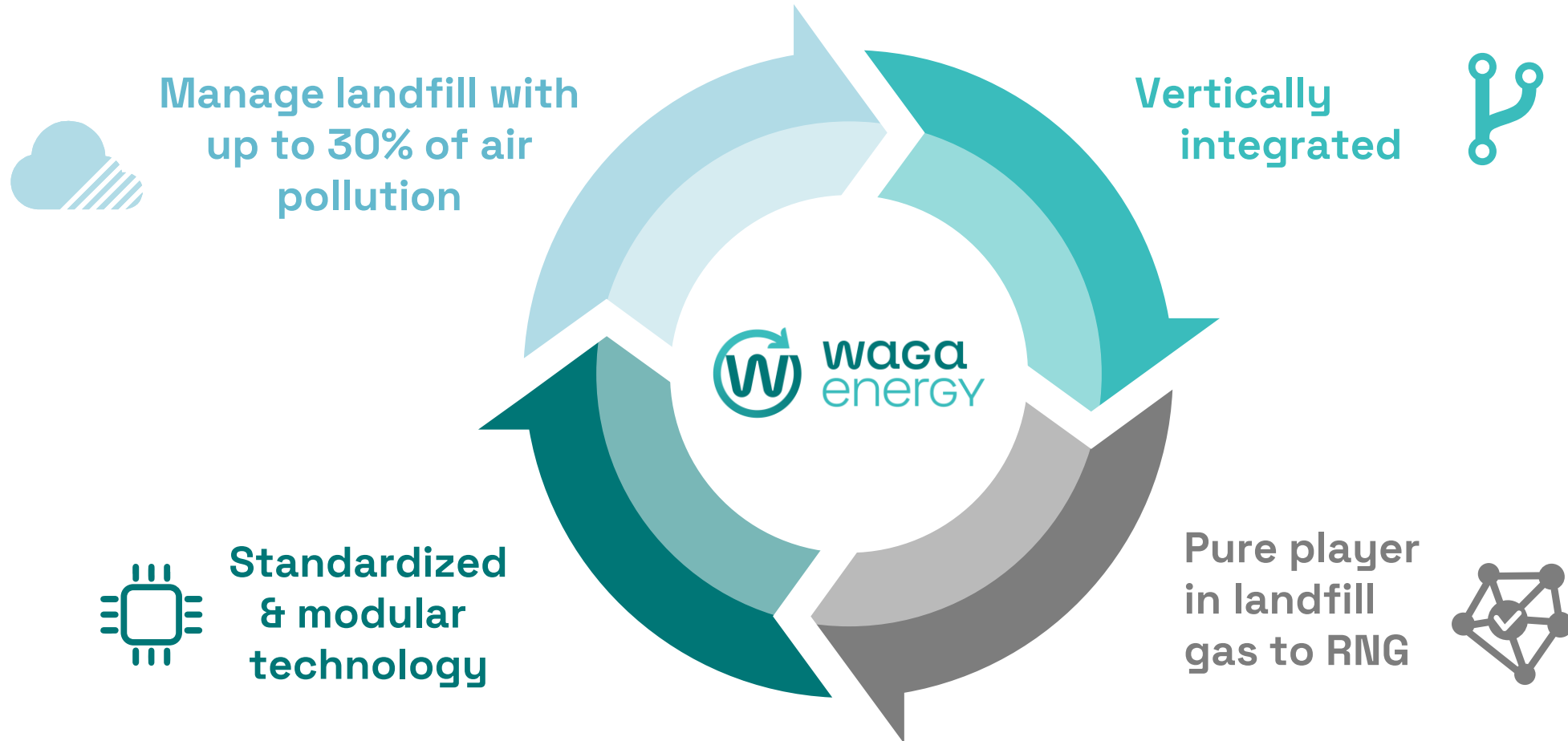
Incl. **~3,000+** IN NORTH AMERICA
Incl. **~1,500+** IN EUROPE

ADDRESSABLE MARKET
according to
3 LANDFILL SELECTION CRITERIA

- 1) Compliant distance to gas grid
- 2) Sufficient landfill gas production
- 3) Reputable landfill operator
(regulatory requirements)

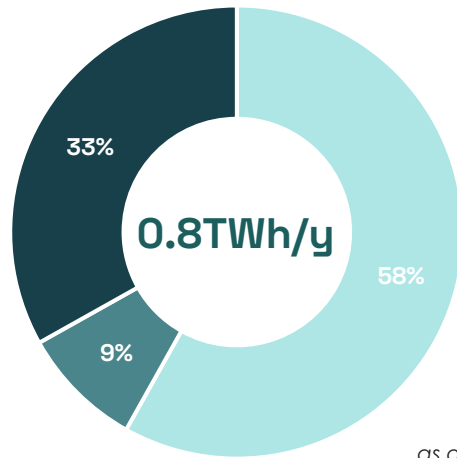
- Established markets
- Markets in development
- Next markets to address

What are our Unique Selling Points?

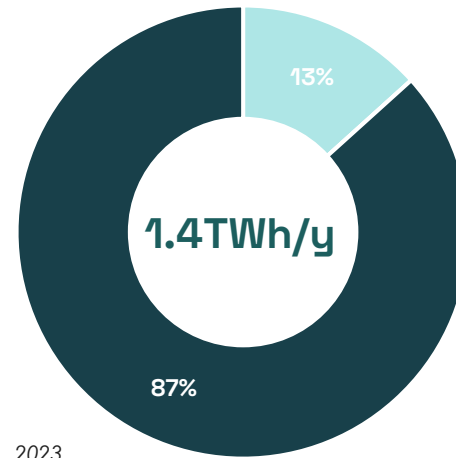


Unlocking a large addressable market

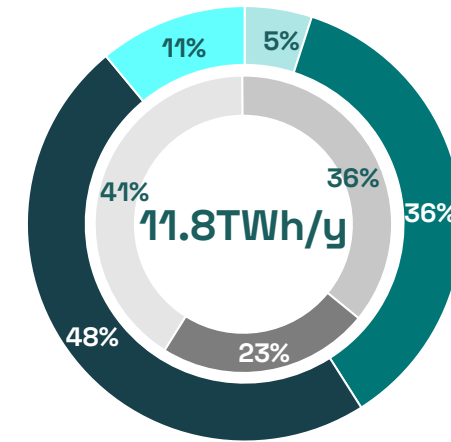
Significant pipeline backing the international ramp-up



#20
projects



#17
projects



#159
projects

France Rest of Europe North America Rest of World

Phase 1: feasibility studies ongoing
Phase 2: offer submitted
Phase 3: contractual negotiation

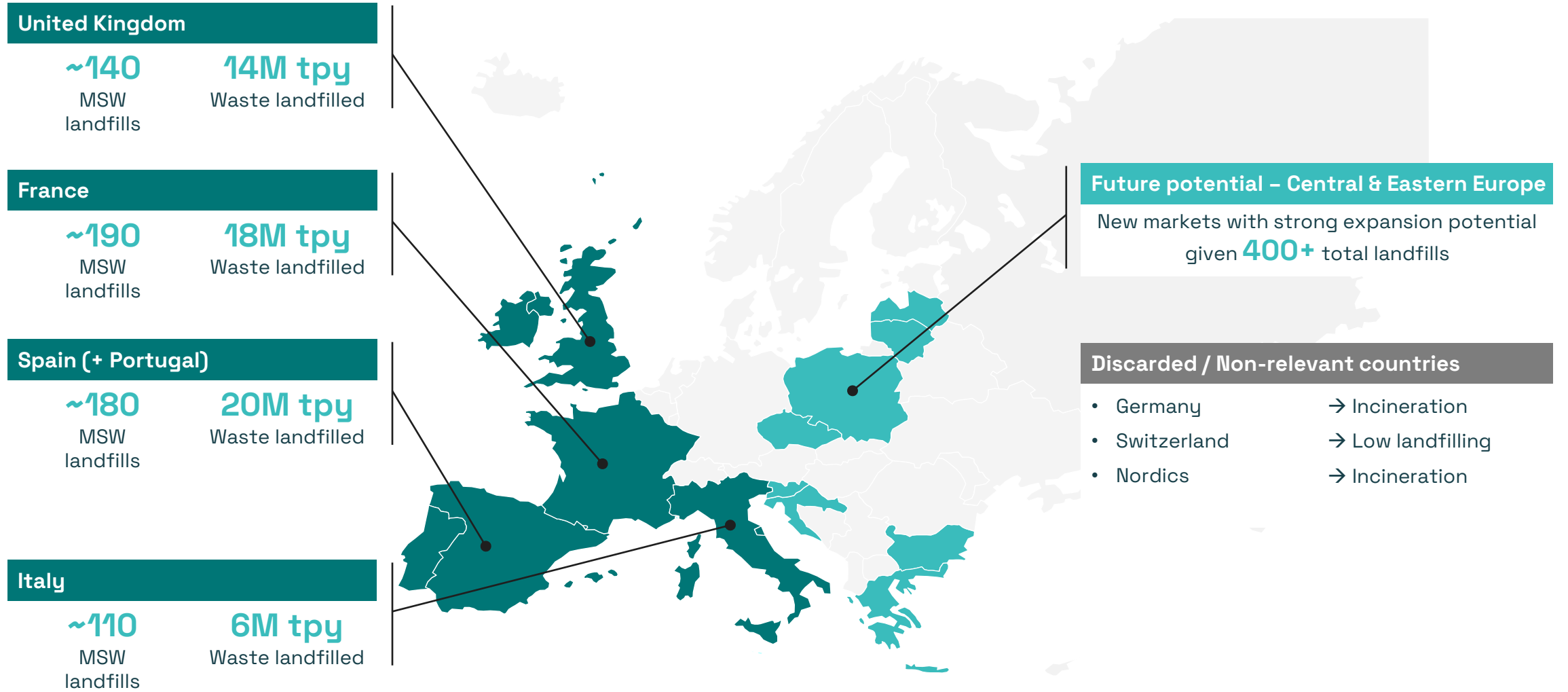


Vincent Tisseire
*Business Development
Director Europe*

04.A

European market:
well on track with further
upside opportunities

Identifying commercial priorities in Europe



Source: Landfilling per year of Non-hazardous waste by Eurostat 2020. UK figure as of 2018



Country in focus

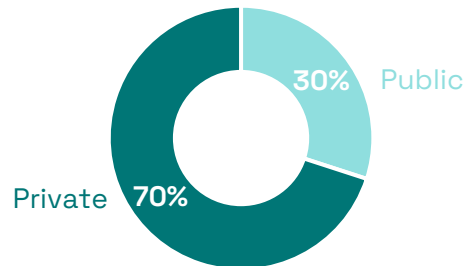
France (1/2)

WAGA ENERGY STAGES OF DEVELOPMENT



Market specs

Landfill market



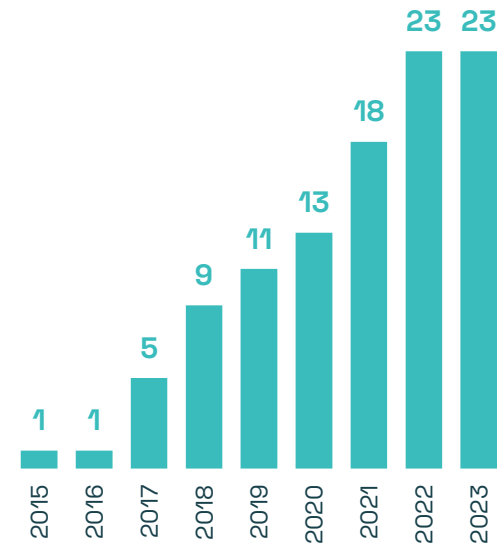
Offtake market

Feed-in tariff
or
Potential BPA >20 GWh



Key achievements

Cumulated projects signed



March 9, 2022
Claye-Souilly (France)

- Landfill operator: VEOLIA
- Capacity: 120 GWh/y (410,000 MMBtu)
- Grid operator: GRDF
- Offtaker: ENGIE
- CO₂eq avoided: ~20,000 t/y



Country in focus

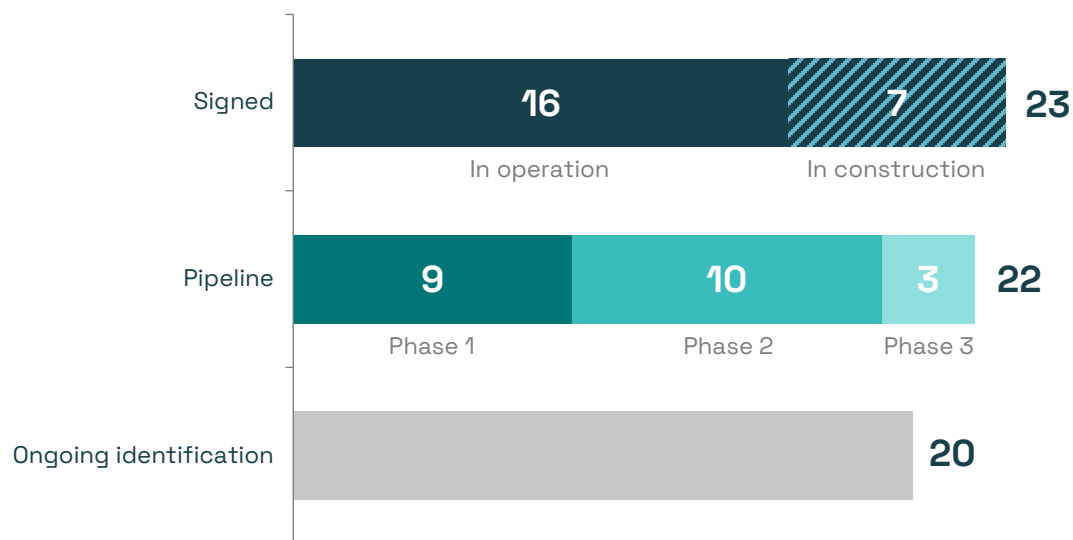
France (2/2)

WAGA ENERGY STAGES OF DEVELOPMENT



Key ongoing actions

Pursue roll-out on remaining addressable landfills



Continue long-term debt (re)financing & innovation initiatives

Increased focus on long-term project debt (re)financing

→ Final long-term debt financing in place for most projects in operation (representing ~80% gearing)



BNP PARIBAS

Crédit Mutuel
ARKEA

Established projects make France an ideal playground for **WAGABOX®** units upgrading and innovative projects development



Country in focus

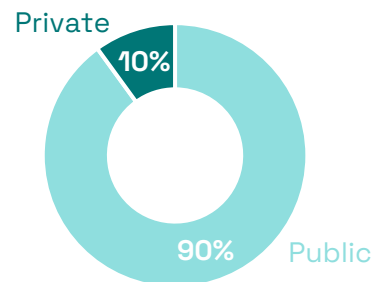
Spain (1/2)

WAGA ENERGY STAGES OF DEVELOPMENT



Market specs

Landfill market



Offtake market

100% BPA



“CAN MATA
IS THE **1ST** LARGE-SCALE
LANDFILL GAS-TO-RNG PROJECT
WITH A BIOMETHANE PURCHASE
AGREEMENT (BPA) **IN EUROPE**”

Key achievements



June 20, 2023
Can Mata (Spain)

- Landfill operator: **pre zero**
- Capacity: **70 GWh/y (239,000 MMBtu)**
- Grid operator: **nedgia** Grupo Naturgy
- Offtaker: **N.D**
- CO₂eq avoided: **~12,000 t/y**

Interview with **Vanessa Capel**

Industrial Business Treatment Director in Catalonia

pre
zero





Country in focus

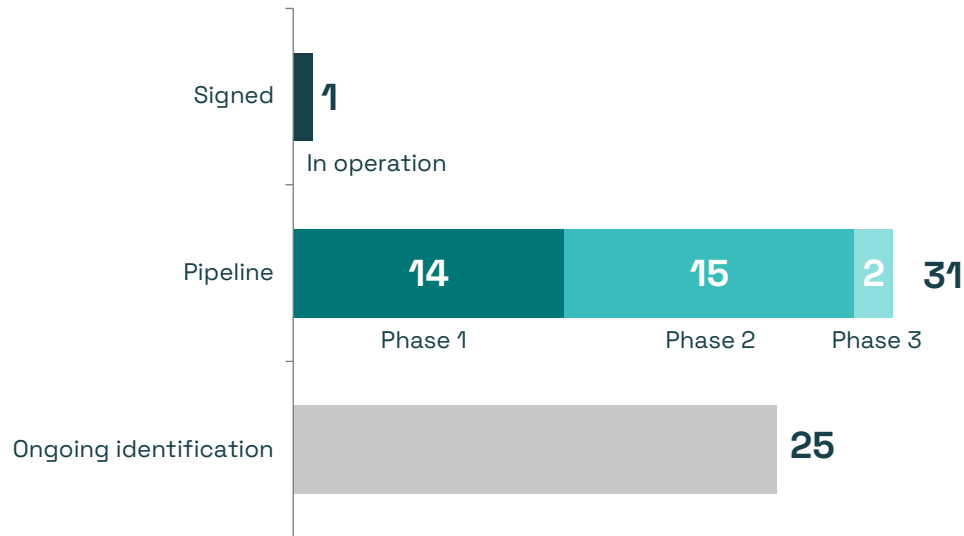
Spain (2/2)

WAGA ENERGY STAGES OF DEVELOPMENT



Key ongoing actions

Ramp-up projects signatures: multiple tenders in 2024



Leverage local support & financings

- Developing upstream projects with **local authorities**
- **Highly visible** to associations, trade shows and network operators
- €2.4m funding from EU: “Innovation fund small scale”
- Successful refinancing of 1st project with €6.6m long-term debt signed in August 2023



Baptiste Usquin
Director Spain





Country in focus

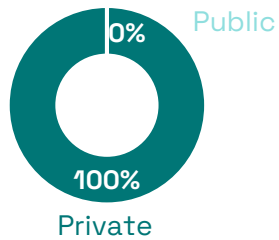
United Kingdom

WAGA ENERGY STAGES OF DEVELOPMENT



Market specs

Landfill market

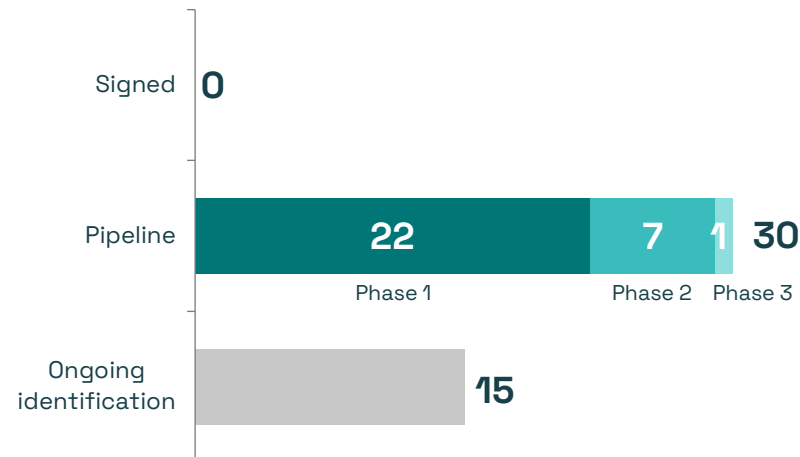


Offtake market

100% BPA with strong demand in transport

Key ongoing actions

Large tender offer (>100 GWh/y) + negotiations with majors Groups for 2026 commissioning



Set up local presence & team



Will Llewellyn
Director UK



London
Local office



Country in focus

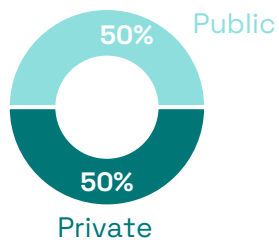
Italy

WAGA ENERGY STAGES OF DEVELOPMENT



Market specs

Landfill market



FISE ASSOAMBIENTE
Associazione Imprese Servizi Ambientali

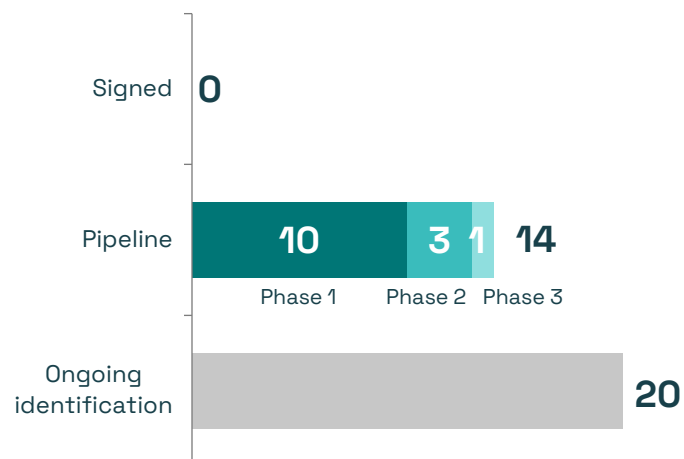


Offtake market

100% BPA

Key ongoing actions

Exclusive negotiations with a public operator + multiple tenders in progress for 2024



Set up local presence & team



Andrea Baldini
Director Italy



Milan
Local office



Ideally positioned for European expansion



**5 DIVERSE PRIORITIZED
COUNTRIES WITH A COMMON
AMBITION
(REPOWER EU)**



**LOCAL PRESENCE
ESTABLISHED WITH
INDUSTRY-EXPERIENCED
COUNTRY HEADS**



**DYNAMIC & ADVANCED
PIPELINE WITH HIGH RNG
PRODUCTION POTENTIAL**

04.B

USA & Canada:
commercial rollout
addressing immense
potential



Tanguy Largeau
*Business Development
Director US*

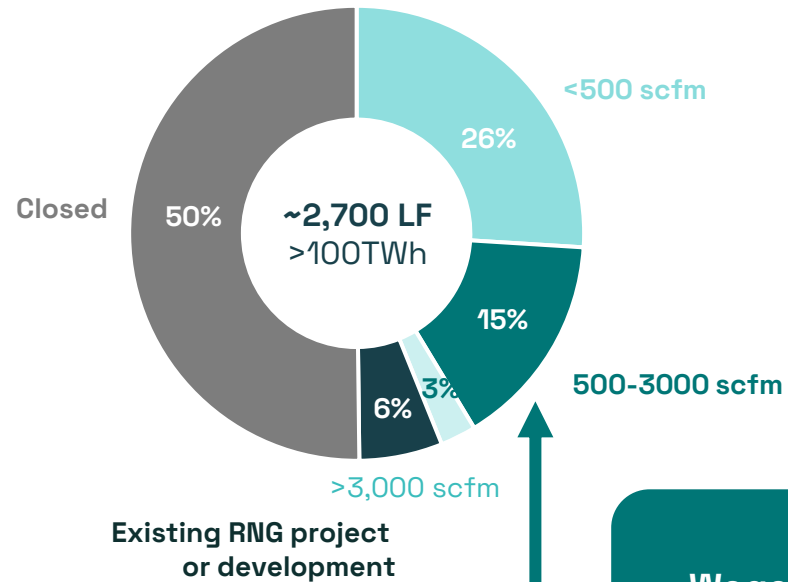


Julie Flynn
Director Canada

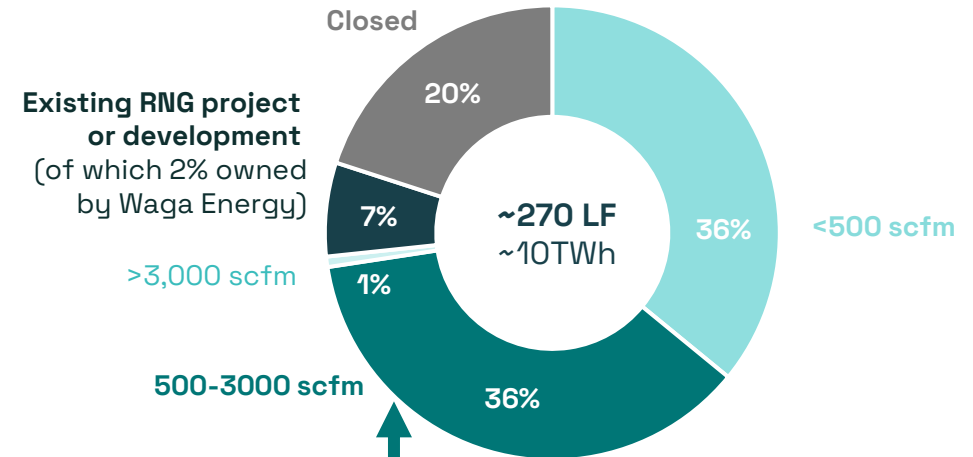
North America is a land of opportunities

Landfill: the preferred method for waste management

Share of Landfills by Capacity in the USA



Share of Landfills by Capacity in Canada



Waga Energy first development priority

Source: EPA, LMOP, ECCC, Waga Energy estimate



Expanding our presence in North America

3	offices	
60	employees to date	
15	employees supporting business development	
19	employees supporting project delivery	
8	employees supporting operations	





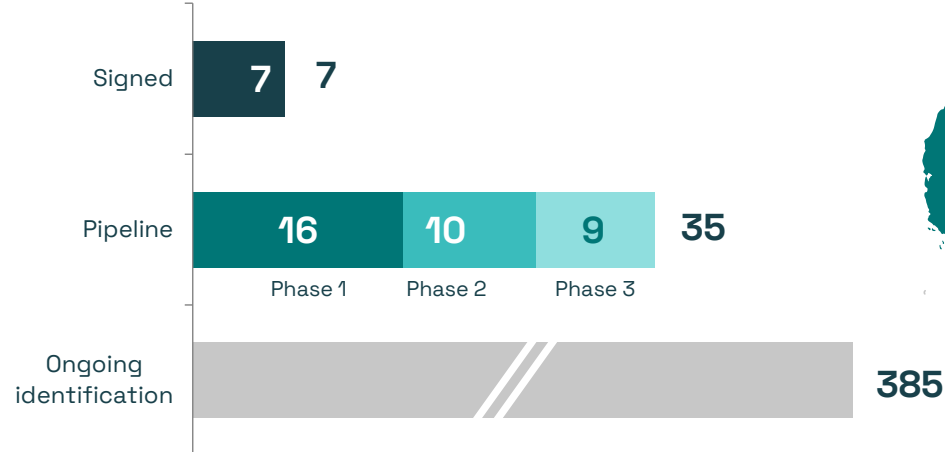
Our commercial priorities in North America

United States

~2,700
total landfills

~373m tpy
waste landfilled

PURSUE ROLL-OUT ON REMAINING ADDRESSABLE LANDFILLS

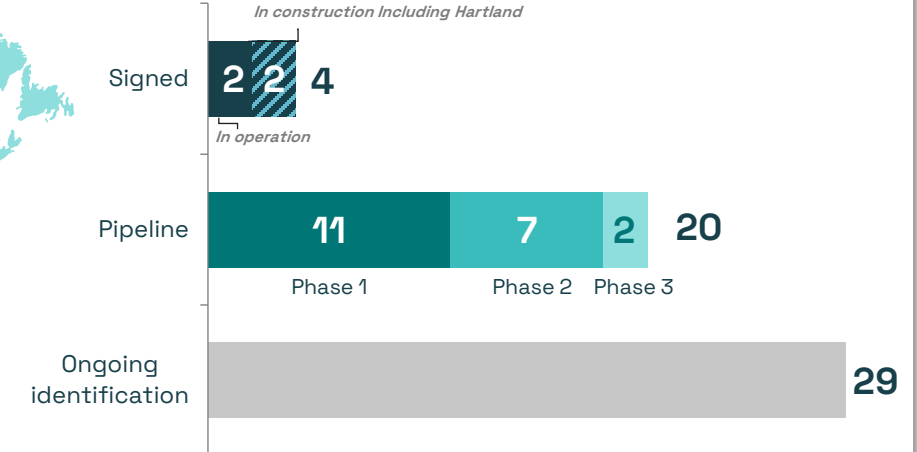


Canada

~270
total landfills

~26m tpy
waste landfilled

PURSUE ROLL-OUT ON REMAINING ADDRESSABLE LANDFILLS



Source: Waga Energy internal data, ECCC



Macro and political environment supporting RNG production

Canada

2030 Emissions Reduction Plan

45% reduction of methane emissions to **14 Megatons CO₂** equivalent in 2030

Clean Fuel Standard

Fuel producers and importers **to reduce carbon intensity of fuels by 15% before 2030**

Federal State support RNG production through investment grants

- The **federal Landfill Methane Recovery and Destruction offset protocol** provides an incentive to reduce landfill methane from non-regulated small to medium-sized landfills
- The Province of Quebec also **grants subsidies to RNG injection projects, which can cover up to 50% of the cost of the facilities and connection**
- In British Columbia, the energy distributor Fortis BC **offers RNG producers procurement contracts for up to 20 years, with the objective of incorporating 15% renewable gas into its grid by 2030**
- **Énergir is required to increase the proportion of RNG in its grid to 10% in 2030**



Country in focus

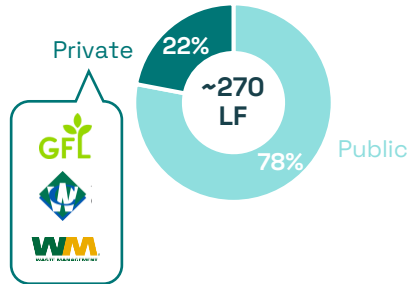
Canada

WAGA ENERGY STAGES OF DEVELOPMENT



Market specs

Landfill market



Offtake market

BPA & Feed-in tariff



Key achievements



May 25, 2023
Saint-Étienne-des-Grés

- Partner: **ENERGYCLE**
- Capacity: **130 GWh/y (443,000 MMBtu)**
- Grid operator: **energir**
- Offtaker: **energir**
- **~16,000 tons of eqCO₂ avoided/y**



December 05, 2023
Chicoutimi

- Partner: **GFL**
- Capacity: **16 GWh/y (54,000 MMBtu)**
- Grid operator: **energir**
- Offtaker: **energir**

Key ongoing actions

Commercial deployment

- Strengthen local manufacturing capacity
- Deployment of the WAGABOX® solution beyond Quebec
- Develop relationships with large private operators

Interview with Michel Angers

ENERCYCLE President

ENERCYCLE

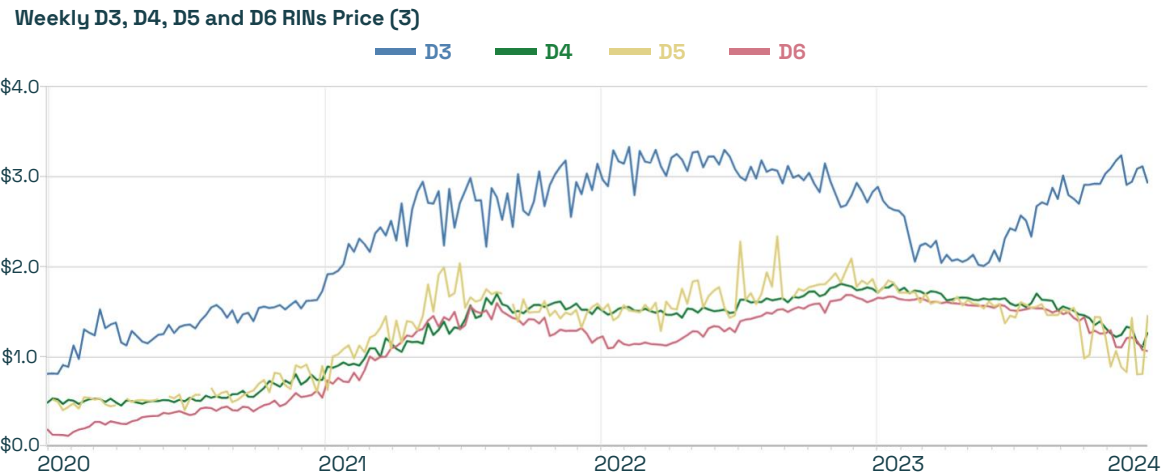




Macro and political environment supporting RNG production

USA

The long-term value of RNG is at an all-time high

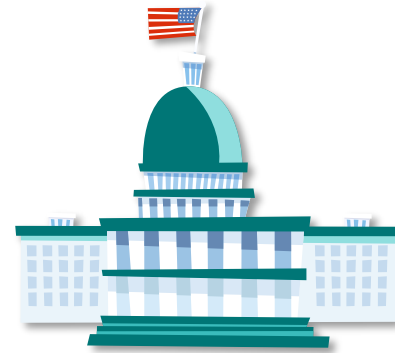


- **Renewable Volume Obligations set by the EPA ⁽²⁾ drives D3-RIN credits value**
- **EPA established volume requirements for Renewable fuel for 2023-2025 with a 30% growth per year**
- **Gas utilities and industrial offtakers drive demand in the voluntary market** allowing for long-term agreements and competing with the RFS program

Source: EPA, ECB predictions, Bureau of Labor Statistics as of January 26th, 2023

Note: (1) As of January 26th, 2023 data release / (2) Environmental protection Agency / (3) \$1/RIN is equivalent to \$40/MWh

Inflation Reduction Act (IRA) sets historical climate ambitions



The most ambitious plan to support renewable energy development and investment in the US (including support for RNG)

\$437 billion in expenditures over 10 years of which **\$369 billion** dedicated to energy security and climate-related initiatives:

- Providing incentives to invest in low- to zero-emission technologies which **aim to help America reduce its current emissions by 40% by 2030**
- **Significant opportunity for our projects to benefit from investment and production tax credits** pending final ruling from IRS



Route to market

USA

Highlights

- **70%** of US landfills are owned by municipalities
- Administrative procurement process

Business development strategy

- Active participation in solid waste associations
 - Public RfPs participation
 - Educate key engineering companies on the WAGABOX® solution
- 





Waga Energy's competitive advantage

- Turnkey solution from bid to operation
- Most competitive royalties
- Best environmental impact

Public Landfills

Private Landfills

- Very consolidated market (WM, Republic Services, ...)



- Project portfolio opportunities

- Dedicated account development strategy
- C-level engagement

- Flexible business model adapted to the operator's objectives
- Best environmental impact
- Vertical integration allowing for multiple concurrent developments



Country in focus

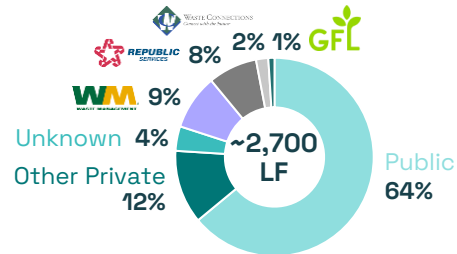
USA: Multiple large-scale opportunities

WAGA ENERGY STAGES OF DEVELOPMENT



Market specs

Landfill market



Offtake market

100% BPA



Selected achievements



January 2022
Steuben County

- Partner:
- Commercial Operations Date: **2024**
- Expected construction time: **~25 months**
- Capacity: **55 GWh/y (220,000 MMBtu)**
- **~13,500 tons of eqCO₂ avoided/y**



July 2023
3 Casella Project

- Partner:
- Commercial Operations Date: **2025**
- Expected construction time: **<24 months**
- Capacity: **440 GWh/y (1,760,000 MMBtu)**
- **~63,000 tons of eqCO₂ avoided/y**

Key ongoing actions

Fast deployment of the US subsidiary

- 6 new projects signed over the last 12 months
- Focus on on-time and on-budget execution of contracted projects
- Develop partnership with US large waste management company
- Geographic expansion and focus on securing first reference in California

Interview with Eric Rose

Commissioner of Public Works, Steuben County NY





Commercial agreement signed with Steuben County to build & operate a WAGABOX[®] unit at landfill in the State of New York



January 2022
Steuben, New York (USA)

- Partner: **Steuben County**
- Capacity: **55 GWh/y**
(220,000 MMBtu)
- **~13,500 tons of eqCO₂**
avoided /y

- Commercial Operations Date: **2024**
- Expected construction time: **~25 months**



Marco Venturini
*Business Development
Director RoW*

04.C

Rest of World: significant additional potential

Other key expansion opportunities



Australia

Pending climate-friendly strategy to leverage improved RNG pricing

20

projects in pipeline

1-2TWh

potential

Potential offtaker



Main landfill operators



Morocco



1

project in pipeline

Historical partner



Colombia



1

projects in pipeline



Ciudad de Manizales

Historical partner



Mexico

6

projects under exclusive negotiations

Main landfill operators



Brazil

9

projects in pipeline

“Brazil larger RNG producer worldwide in 2030” (IEA forecast)

São Paulo

32
large
private
landfills

2-3
TWh/y
potential

Blue chip
Landfill
operators

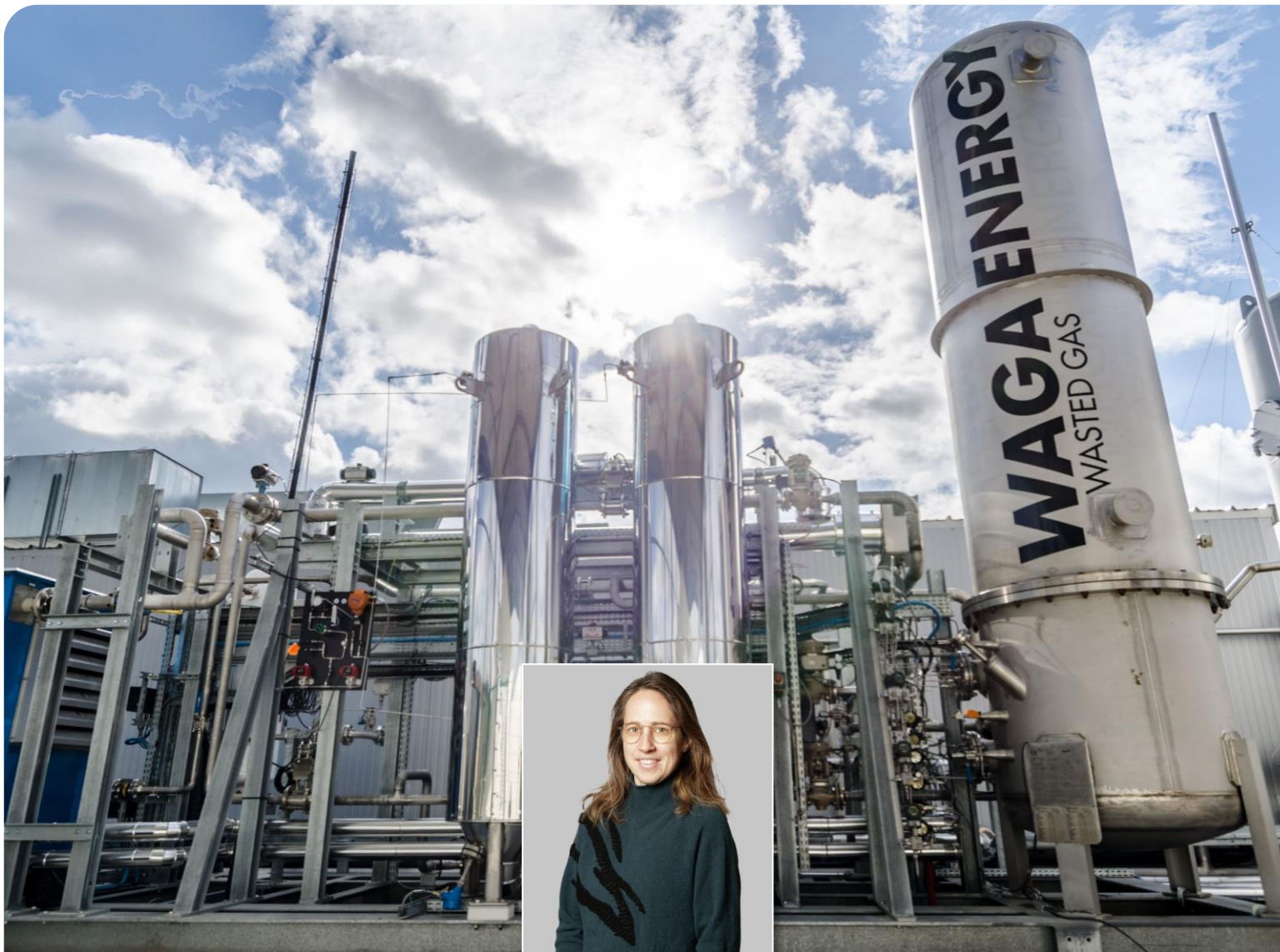
Main landfill operators



An aerial photograph of a waste management facility. A blue truck is parked on a paved area, and a worker in a blue uniform and yellow safety vest is visible near the truck. The ground is covered with various types of waste, including plastic bags and debris. The text is overlaid on the image.

¿Y si tus residuos
se convirtieran en una fuente
de **energía limpia, local y renovable?**





Lucie Tonnellier
Energy Director

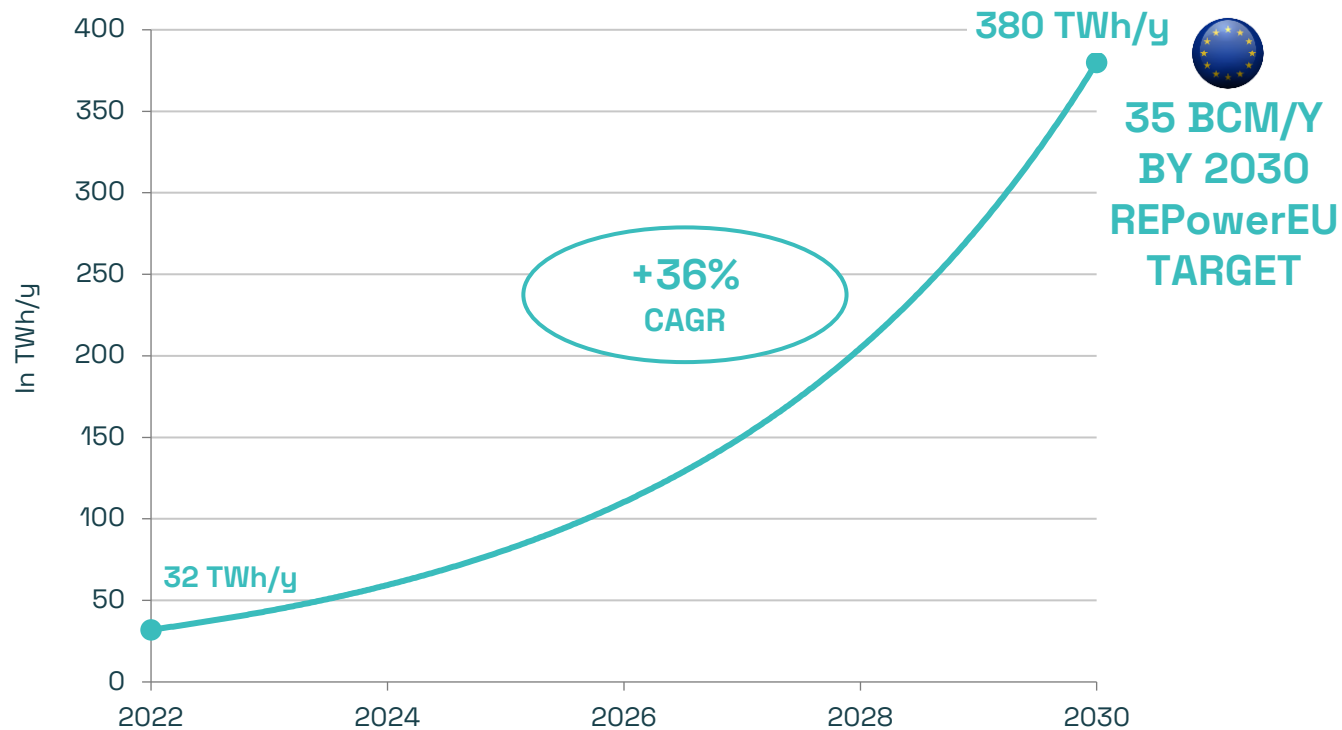


04.D

RNG offtake market
& strategy

Massive growth of RNG production to achieve global targets

REPowerEU RNG production target doubled in March 2022 from 17 bcm/y following Russia's invasion in Ukraine



Fragmented North American Initiatives

FEDERAL



35 TWh/y
RNG 2025 (RIN)

STATES



CALIFORNIA
Public Utilities Commission

22 TWh/y
RNG 2030



Up to 30%
RNG 2050

Québec 

5% RNG
2025



15% RNG
2030

ReFuelEU



Tolling & CO2
tax exemption

Feed-in
Tariffs



RNG offtake market

Partnering with industry leaders



Our Unique Selling Proposition for RNG offtakers



High quality

- ✓ Grid compliant
- ✓ Locally produced
- ✓ 100% from waste
- ✓ Easy traceability
- ✓ Durability certification



High volume visibility

- ✓ Landfill gas intake predictability
- ✓ WAGABOX® technology performance (uptime & methane recovery rate)
- ✓ Proven track record



Competitive price

- ✓ Low production cost
- ✓ Independent from fossil gas price volatility

Well-defined offtake strategy

Ensuring long-term revenue visibility while capturing short-term market upside potential

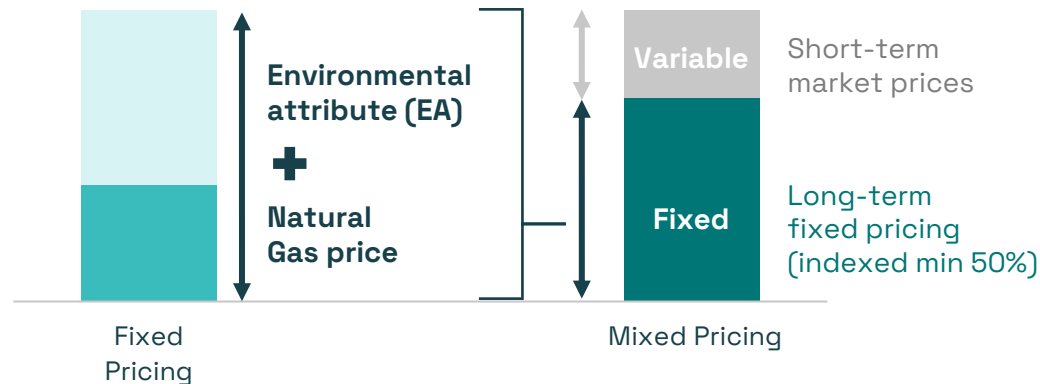
Biomethane Purchase Agreement (BPA): purchase of nonsubsidized RNG over long-term

Criteria for offtaker selection

- Offtake (BPA) duration
- RNG volume commitments
- Counterparty credit worthiness
- RNG price and indexation

MAIN CONSIDERATIONS

Pricing



- Variable portion based on (i) spread between short-term and long-term prices and (ii) volume commitment requirements

Duration

- **10 to 20 years target** (at least equal to duration of landfill gas purchase contract)

Risk mitigation

- **Take-or-pay** structures guaranteeing sale prices and inflow volumes
- Flexible RNG **volume guarantees** from Waga Energy
- Fixed prices **indexed** to cover inflation on Opex
- **Royalties mechanism** on landfill gas purchase
- **Hedging** contracts

Carbon credits opportunities

“Cherry on the cake”?

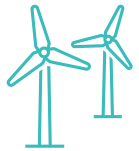
~750kt ⁽¹⁾

CO₂eq emissions avoided over WAGABOX® unit project lifetime (20 years) by displacing fossil natural gas with RNG



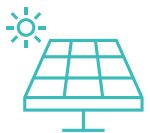
1

WAGABOX® unit
3,000 SFCM



~10

Wind turbines ⁽²⁾
~30 MW project



~130k

Solar photovoltaic panels ⁽²⁾
~54 MW project

MASSIVE UPSIDE NOT INCLUDED

~7,6mt ⁽¹⁾

CO₂eq emissions avoided from methane leakage mitigation on landfills induced by the WAGABOX® solution vs landfills without gas capture systems

Carbon Credit (€/Mt)



Compliance Markets (selected)

Spot price	
European Union	€ 64.40
UK	£ 35.00
California	\$ 28.66

Voluntary Markets (selected)

Spot price	
Nature Based Offset	\$ 1.50
Tech Based Offset	\$ 0.75

Selected known buyers for carbon-offset credits:



amazon

COMCAST

(1) Source : Environmental Protection Agency Landfill Gas Emissions Model calculator, assuming 20 years of operation and a 25x potency factor for Global Warming Potential of methane vs CO₂

(2) Calculations based on (i) Annual direct CO₂ emissions avoided per 1 GW of Solar and Onshore Wind displacing natural gas (source IEA), (ii) 3 MW capacity per onshore wind turbine and 400 W capacity per solar panel



Nicolas Paget
Co-founder
& Executive VP



05

Looking ahead:
gearing up for scale

Gearing up for growth: strategic priorities

Our objectives

Accelerate global deployment
of WAGABOX® solution

Reduce time between project signing
& commissioning

Optimize costs & ensure growing
production of competitive RNG

Our strategic priorities



Maintain high standardization
& modularity



Increase manufacturing
capacity & secure critical
components



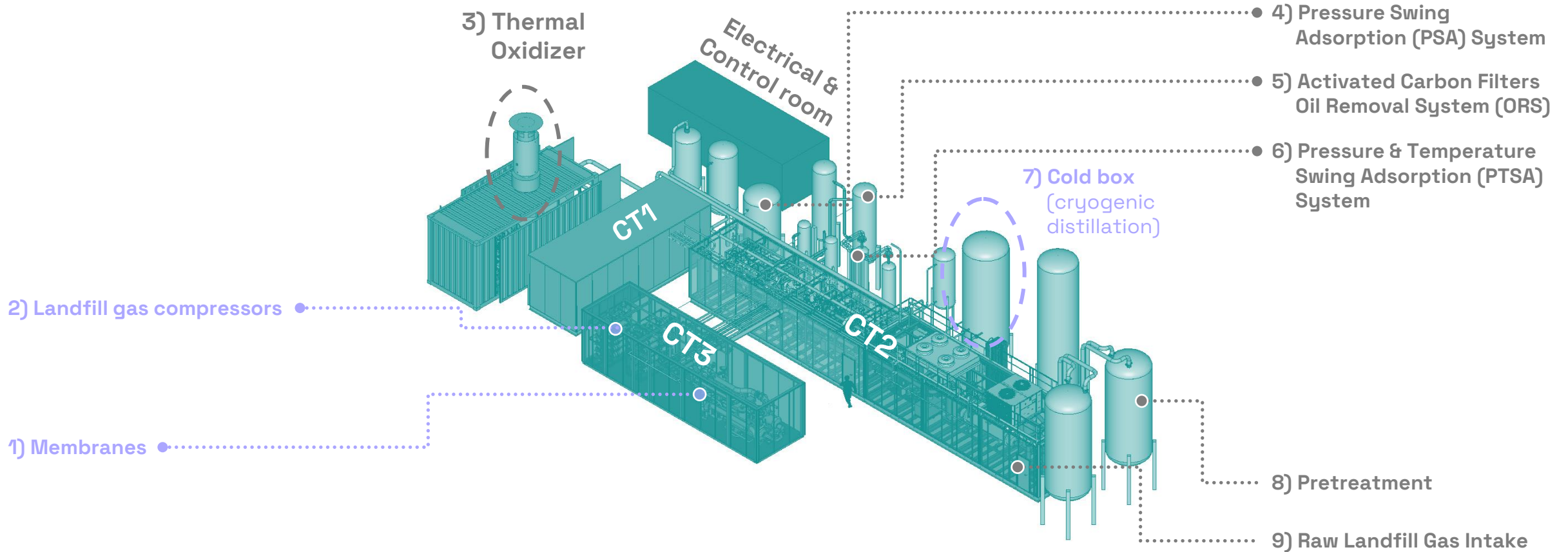
Ensure flawless operations
& maintenance

Organizational integration with high synergies



WAGABOX® unit overview

1,000 SCFM



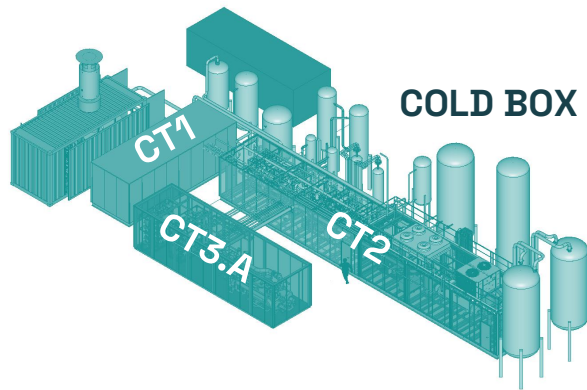
Critical components

Standardization & modularity

How does it work?

CT1 / CT2: STANDARDIZED

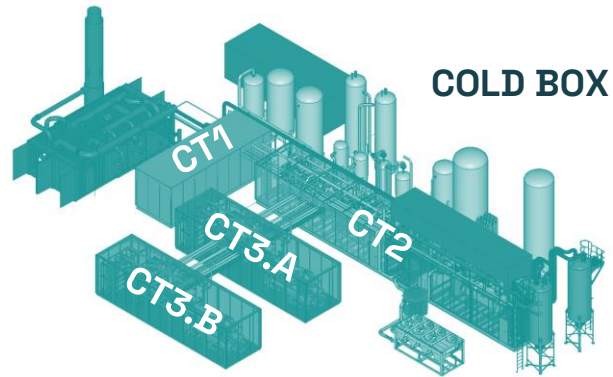
Includes non-critical components
& standard piping work



1,000F RANGE

COLD BOX: STANDARDIZED

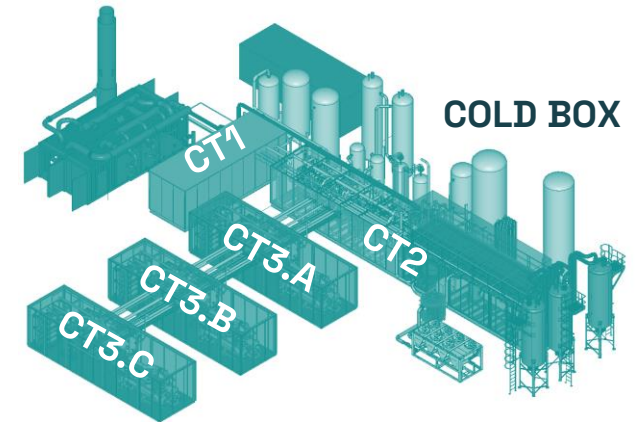
Cryogenic distillation module



2,000F RANGE

CT3: IDENTICAL & MODULAR

Contain 2 critical components:
Compressors + Membranes

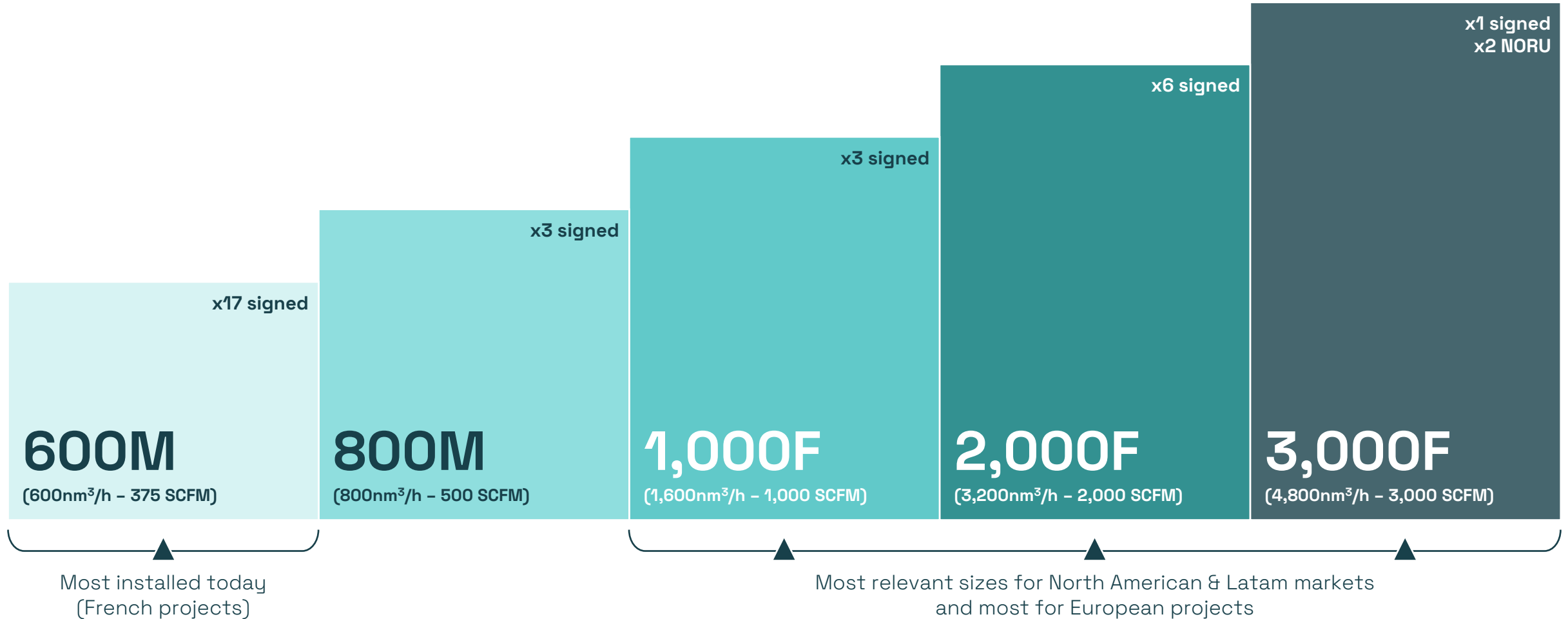


3,000F RANGE











Plug&Play approach

Standardization & modularity

Allowing Waga Energy to address all project sizes



Increasing manufacturing capacity & securing critical components

	@ IPO	2023	2025
CT1 x CT2 MODULES INTEGRATORS	2 	4  	6   
CT3 MODULES INTEGRATORS	1 	4 	6 
MEMBRANES SUPPLIERS & DELIVERY	1 <i>On-demand</i>	1 <i>Monthly</i>	2 <i>Frame agreements</i>
CRYOGENIC DISTILLATION MODULES/YEAR	10 	12 	12  + 12  NEW EXCLUSIVE WORKSHOP

Diversification of suppliers ✓ ✓

Increased production capacity ✓ ✓

Already 19 WAGABOX® units in operation (as of 31/12/2023)



More commissionings coming soon

Under
Construction



WB14
(Chatuzange, France)

Under
Construction



WB19
(Arcavi, France)

Under
Construction



WBC02
(Brome, Canada)

Under
Construction



WBU02
(Winnebago, USA)

Under
Construction



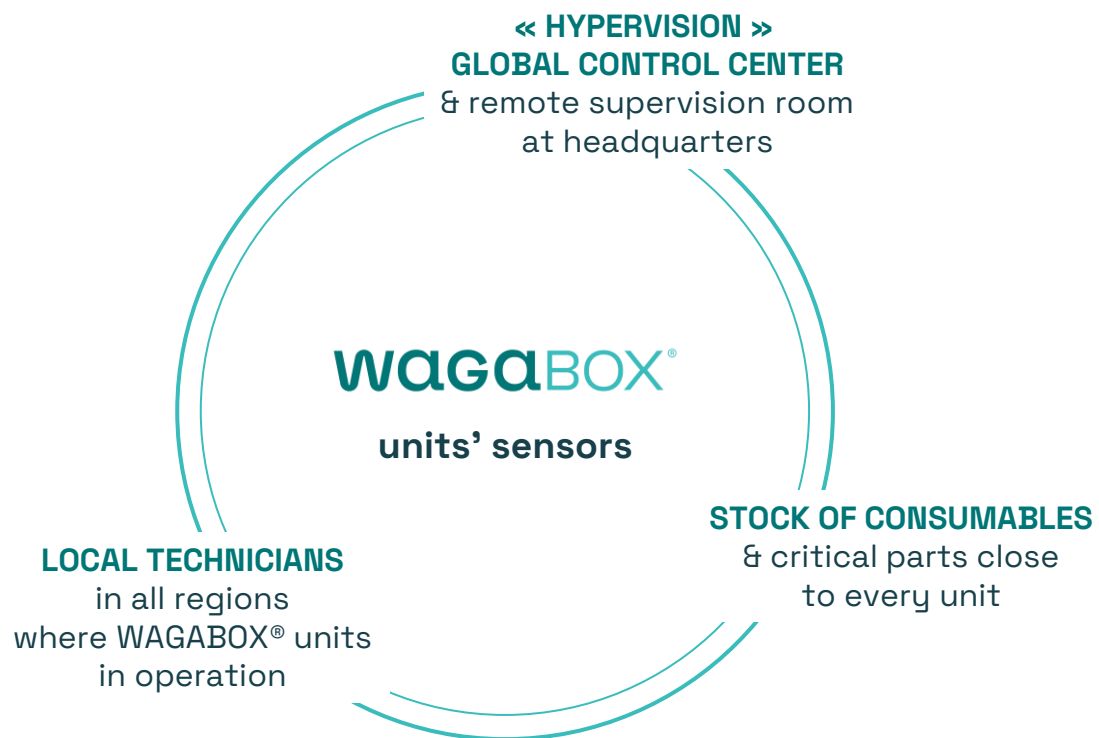
WBU03
(Steuben, USA)

Commissioned
last week



WB21
(Ste-Marie, France)

Ensure flawless operation & maintenance




24/7
maintenance
assistance


<4h
intervention
on site


95%
guaranteed
uptime

AI PREDICTIVE TOOL = OPTIMIZED O&M AND UPTIME

Decrease
compressors
maintenance
frequency

→ **Lower
maintenance cost**
→ **Increase uptime**

Landfill gas quality
analysis to adapt
parameters

→ **increase uptime**

Predictive
membrane
efficiency

→ **adapt
maintenance**
→ **ensure methane
recovery rate**

GROWING OPERATIONAL PORTFOLIO = ECONOMIES OF SCALE

Less technicians for
nearby WAGABOX®
units
(cluster effect)

Shared pool of
consumables for
nearby WAGABOX®
units
(cluster effect)

Control center
efficiencies for
increased # of
supervised units per
FTE

Ensure talent integration & training

New self-assessment & self-training platform

INCREASE EXPERTISE

Enhancing expertise in diverse aspects



360 LEARNING PLATFORM

SAFETY FIRST

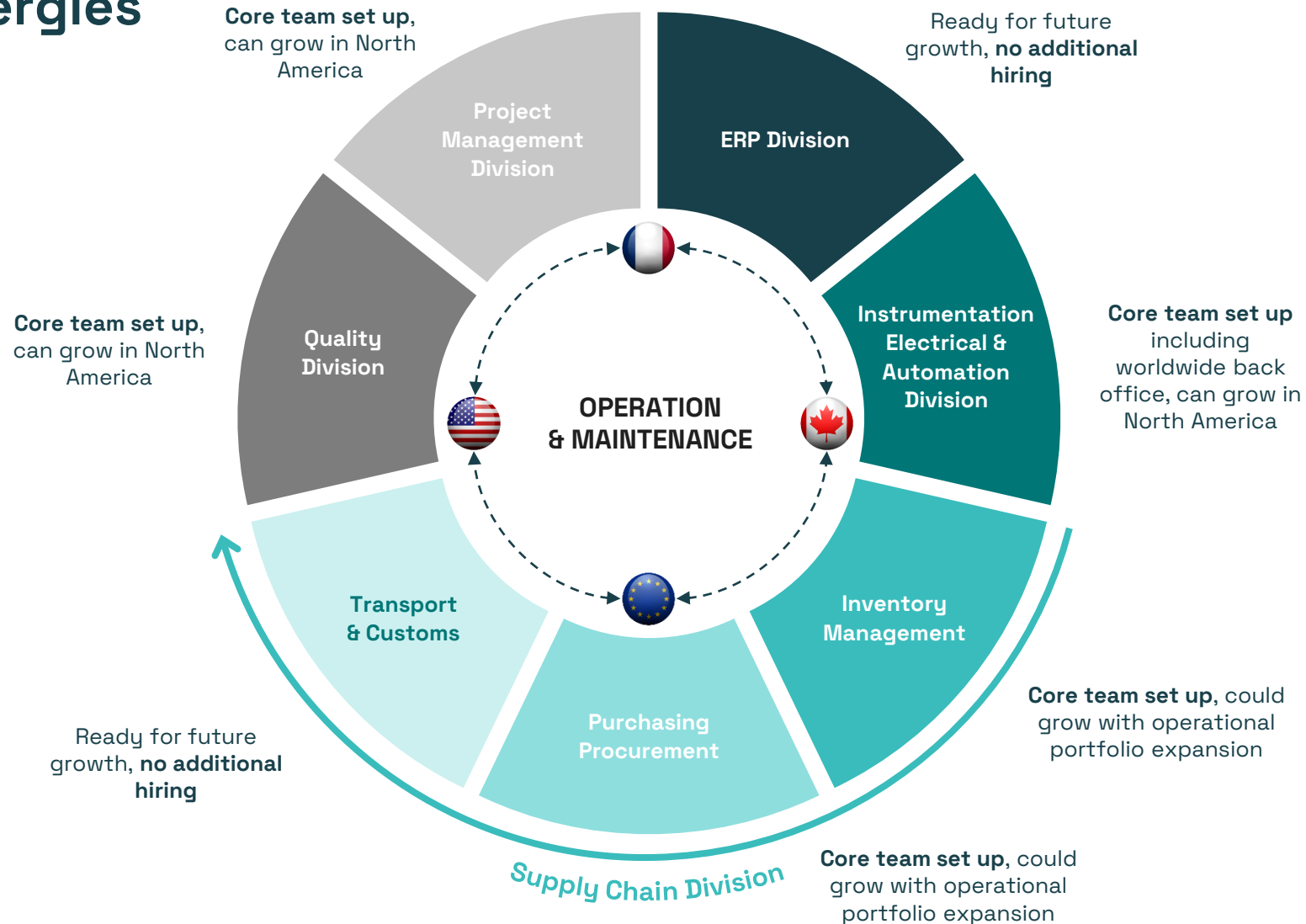
*Ensuring a safe work environment
& strict protocols*



CORPORATE CULTURE & ONBOARDING

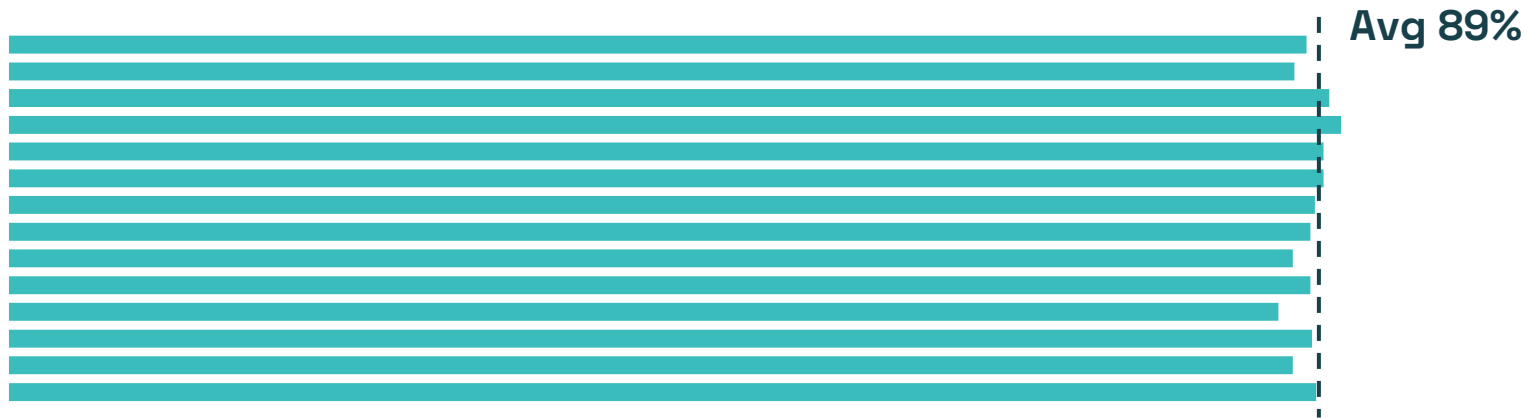
*Integration and understanding of Waga
Energy's ecosystem and purposes*

Organizational integration supporting the scale change established with high synergies

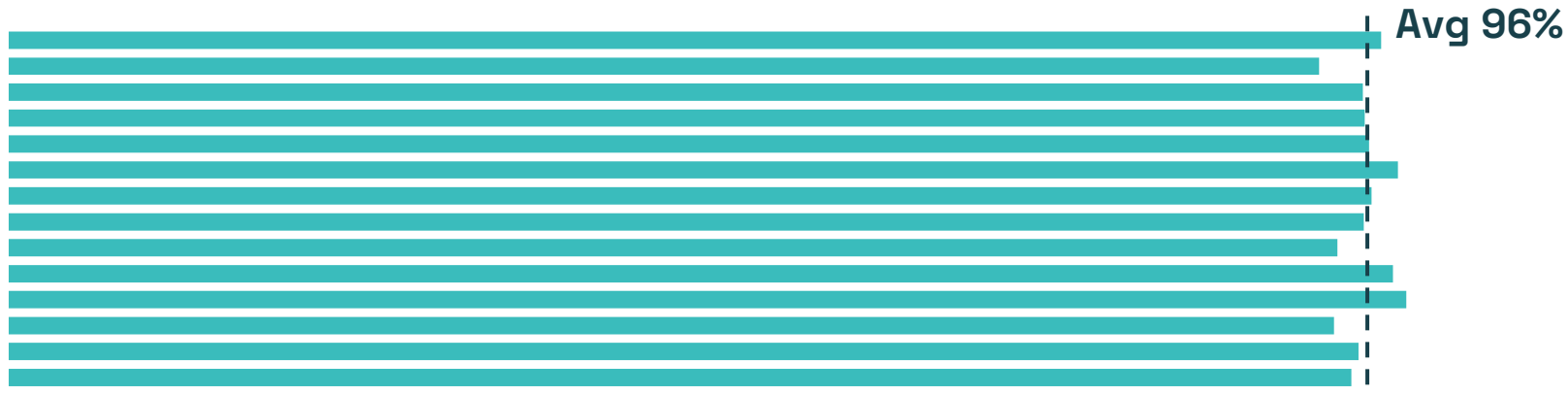


Outstanding results showcasing our operational excellence

FY 2023 METHANE RECOVERY RATE PER PROJECT (%)



FY 2023 UPTIME PER PROJECT (%)



WAGABOX units in operation for the full calendar year

Operational excellence results in **repeat business**

x7

signatures



x6

signatures



x3

signatures



Continuously aiming to improve

2 years ambitions



Optimizing standards

Continue emphasize on enhancing operational standards and limit civil work

Manufacturing costs

-10%

On-site assembly costs

-15%

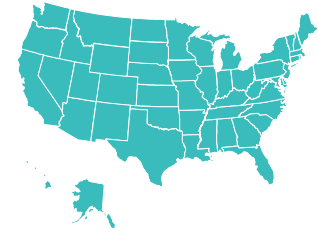


Operations cost management

Increasing volumes and international competitive bidding to reduce / secure costs

COGS

-15%



U.S. projects learning curve

Extensive cost and time savings identified following Steuben project experience

BoP CAPEX

-10%

Avg. construction time

24 → 18 months

06

Outlook & financial objectives



Mathieu Lefebvre
*Co-founder
& Group CEO*



Marie-Amélie Richel
CFO

An ESG driven company



81/100

ESG rating
(vs 65/100 at IPO and
50/100 for benchmark)



100%

eligible to European
Green Taxonomy



Carbon footprint report (2022 data)

Report by BEGES scopes	Total Location-based ⁽¹⁾ (tCO ₂ e)
Scope 1	240,23
Scope 2	789,17
Scope 3	4 018,52

(1) Scope: France only



ISCC is a Global Sustainability Certification System
covers sustainable agricultural biomass, biogenic wastes
and residues, non-biological renewable materials and
recycled carbon-based materials



**Internationally recognized quality (9001) and
environmental (14001) management standards.**
Help organizations of all sizes in all sectors to
improve their performance.

2022 ESG report

(June 2023)



<https://wagaenergy.com/fr/investisseurs/#publications>



The Key pillars to our ESG approach

#1. A business model for the energy transition

Reducing methane emissions and
transforming this gas into RNG, a
renewable and local energy source

CO₂ emissions avoided:
52,000 T in 2021 to 142.000 T in 2023

#2. Fostering employee development

Developing skills and encouraging
diversity : value sharing, equal pay and
actions to promote inclusion

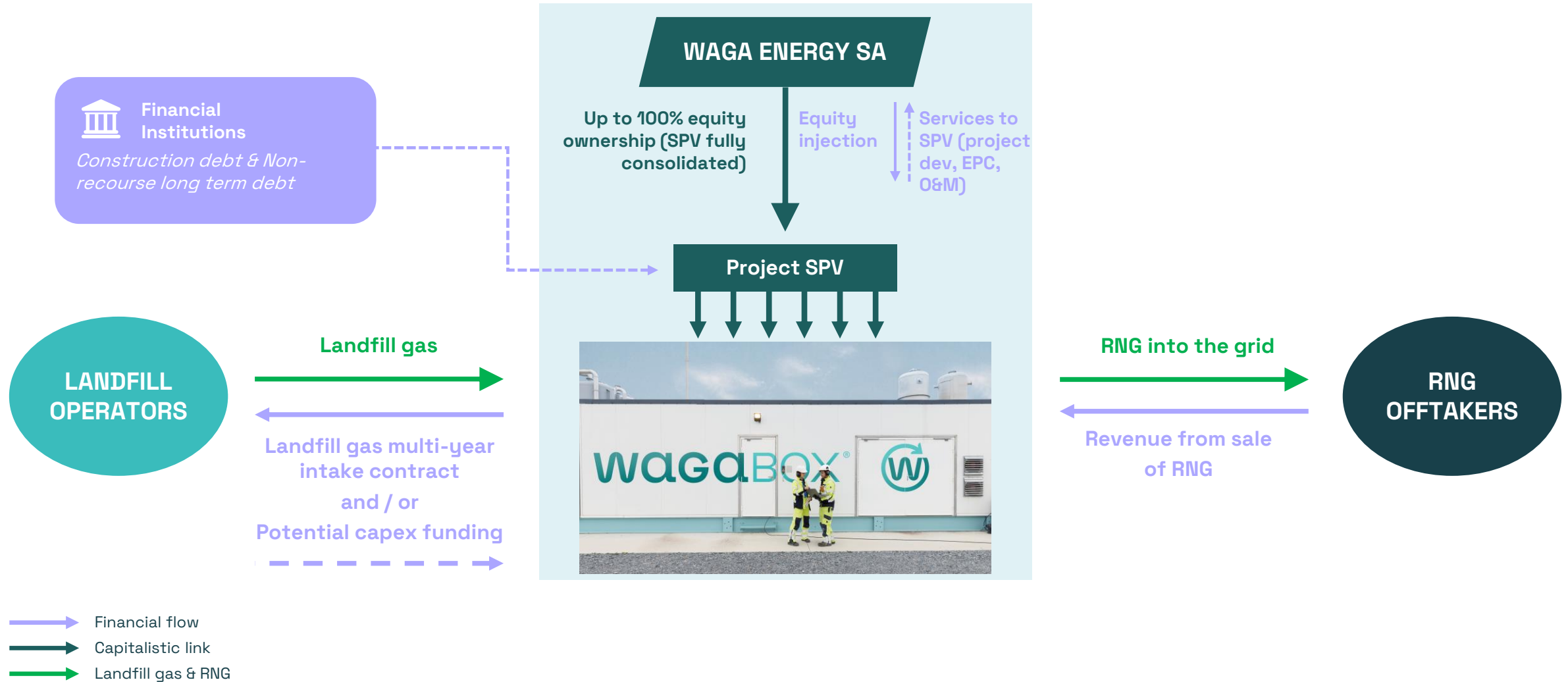
Employees:
65 in 2021 to 200 in 2023

#3. Making all stakeholders accountable

Responsible purchasing: suppliers
chosen according to social
responsibility, environmental impact
and quality of service

**To guarantee transparency
and ethical business practices**

Typical project structure



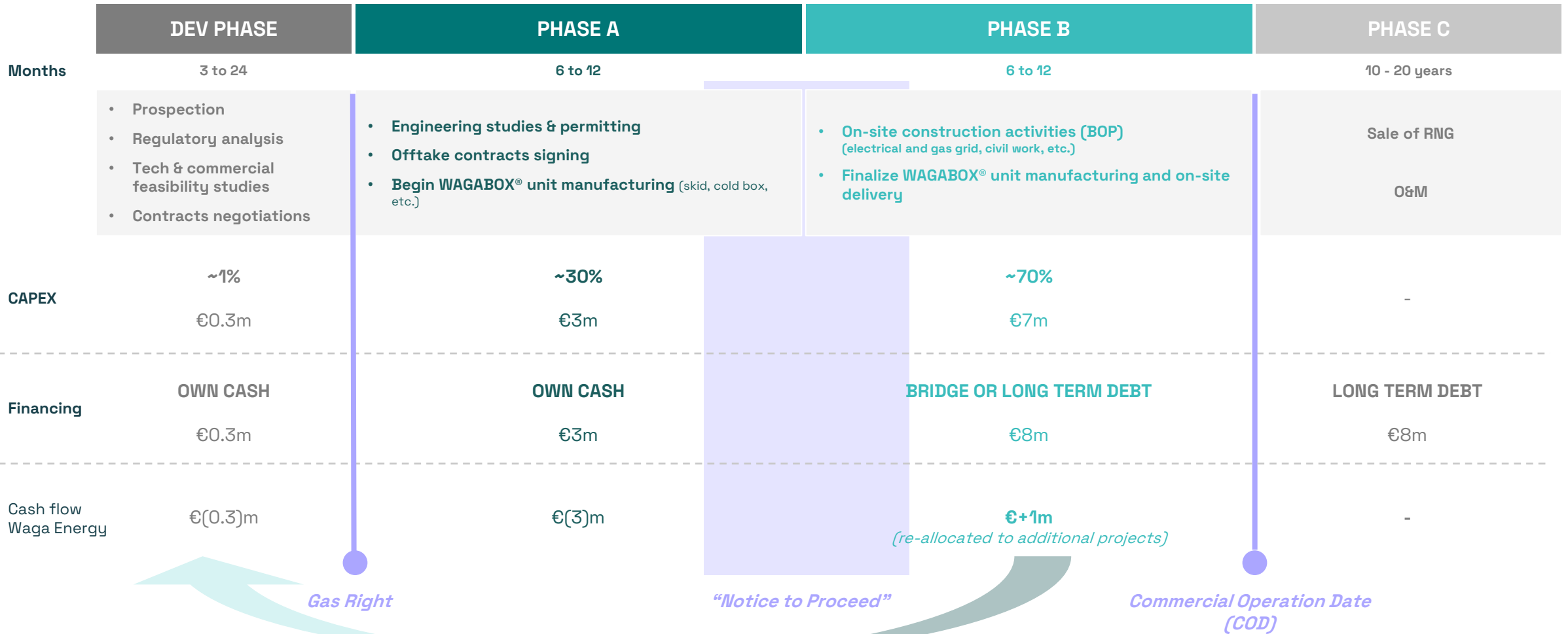
Typical projects

Key financing steps

Capex can be considered as working capital given WAGABOX® unit can be allocated to different projects)

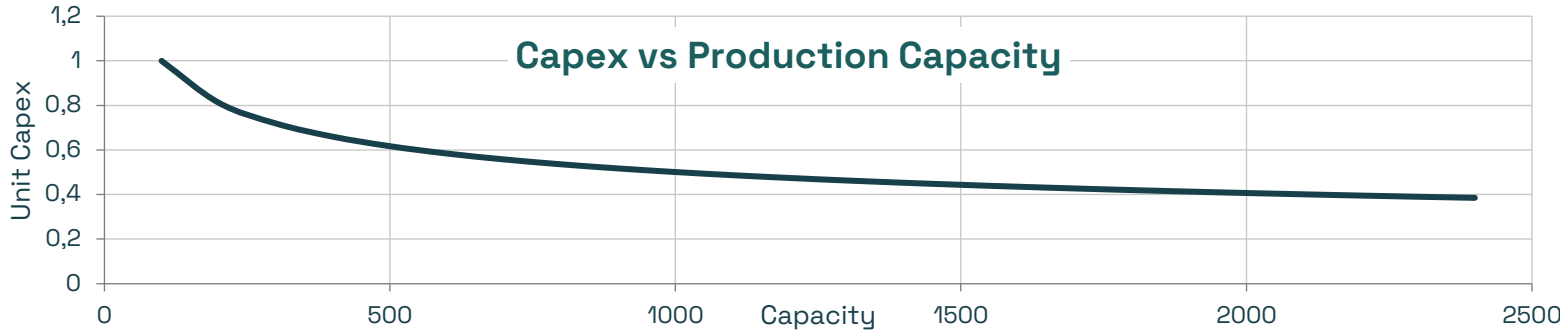
ILLUSTRATIVE PROJECT CAPEX

€10m



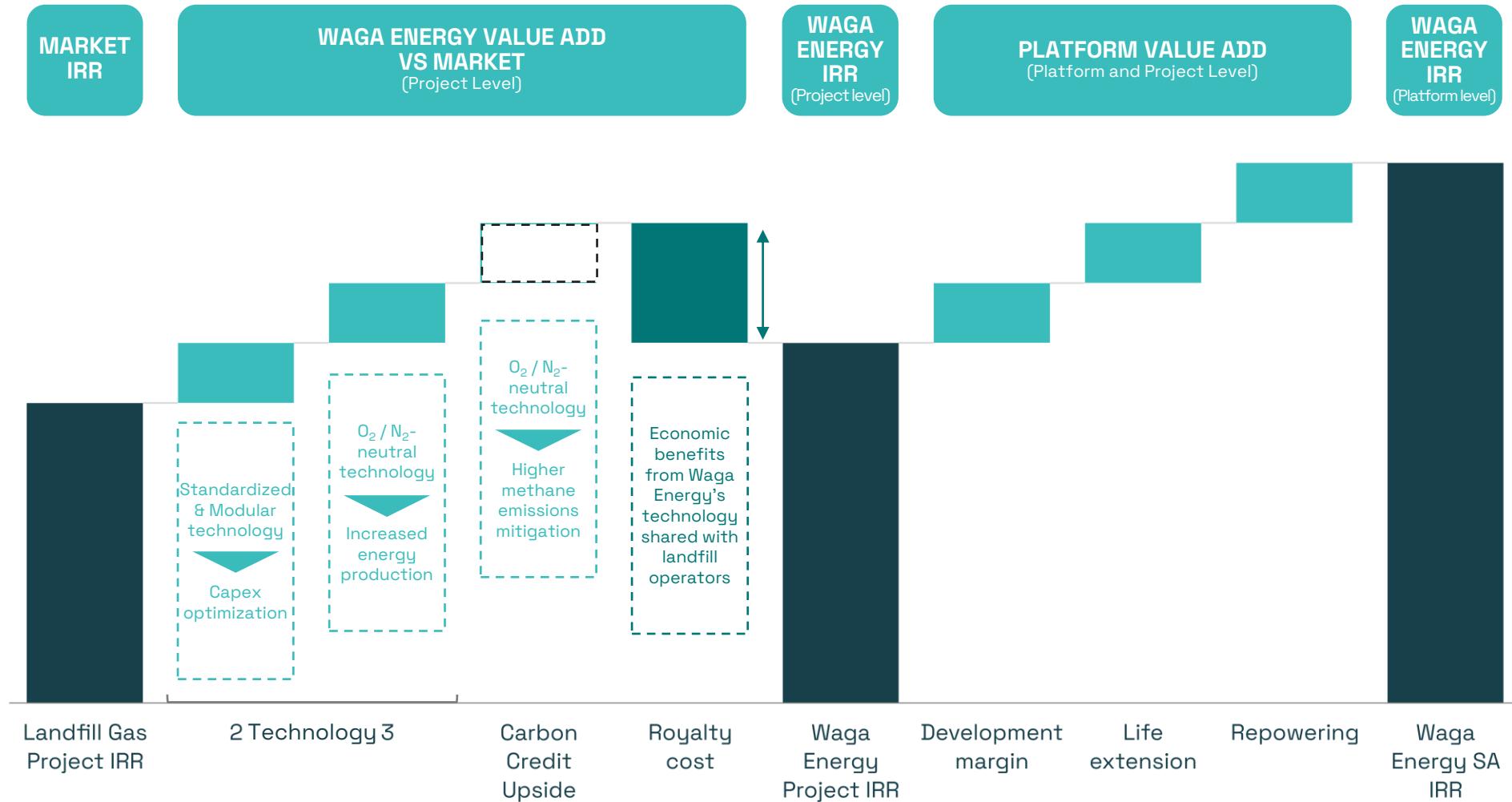
Typical projects

Key metrics

	375 SCFM (600 NM ³ /H)	1,000 SCFM (1,600 NM ³ /H)	2,000 SCFM (3,200 NM ³ /H)
ANNUAL PRODUCTION	~20 GWh	~55 GWh	~110 GWh
ANNUAL RECURRING REVENUE	~€1-2m	~€3-5m	~€8-10m
EBITDA MARGIN	30-50%	30-50%	30-50%
SIGNING TO COMMISSIONING	12-18 months	12-24 months	15-24 months
ENVIRONMENTAL METRICS	~3,600 households 4,500 t/y CO ₂ eq avoided	~10,000 households 12,500 t/y CO ₂ eq avoided	~20,000 households 25,000 t/y CO ₂ eq avoided
CAPEX	 <p>Capex vs Production Capacity</p> <p>The graph shows a decreasing trend in unit capex as production capacity increases. The y-axis is 'Unit Capex' ranging from 0 to 1.2, and the x-axis is 'Capacity' ranging from 0 to 2500. The curve starts at (0, 1.0) and levels off around 0.4 at 2500 capacity.</p>		
WAGABOX®			
BOP	Up to 50% additional Capex for BoP ⁽¹⁾ in some countries but project IRR unaffected		

(1) Balance of plant

Maximizing Waga Energy project IRR



Target Project IRR factoring:

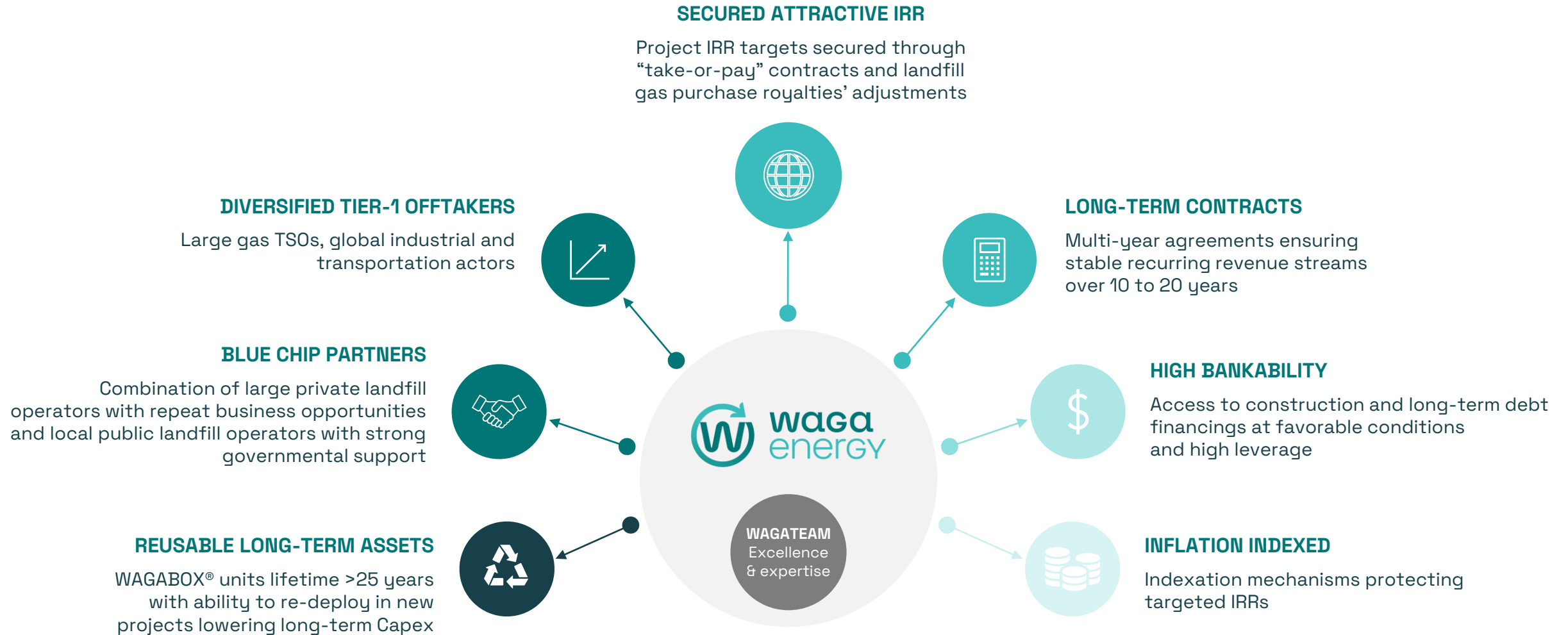
- Country specific factors
- Counterparty profile
- Project complexity



Increased economic value added for landfill operators

Protected Risk / Return for Waga Energy

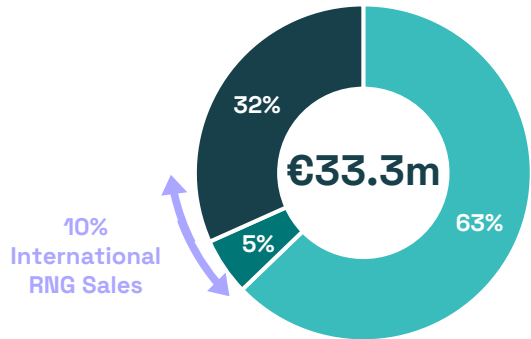
Waga Energy projects portfolio is a fastly growing high value asset



YoY+74% growth & increasing international contribution

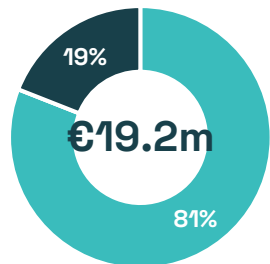
FY 2023 revenues

FY 2023



+74%

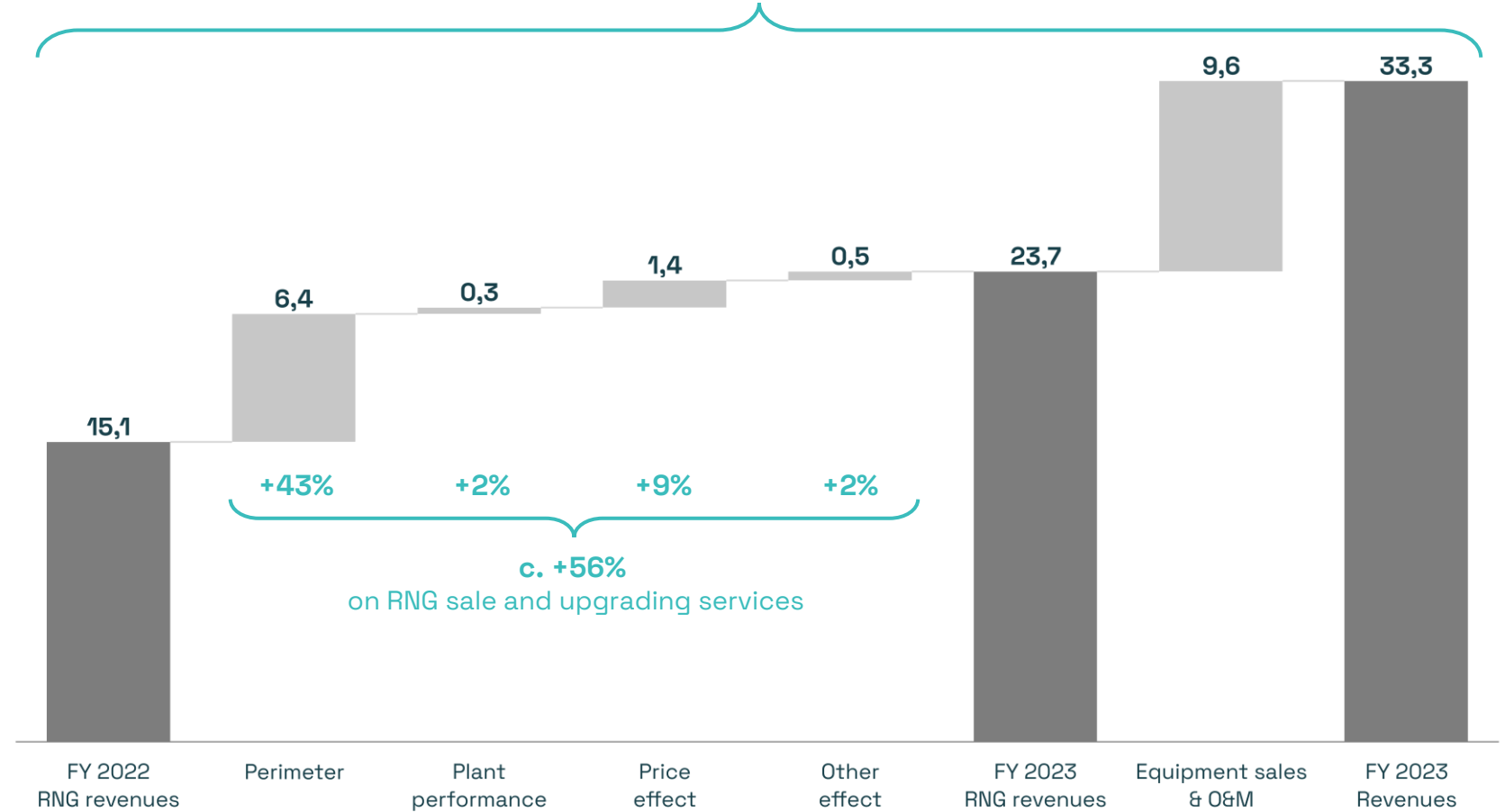
FY 2022



France Rest of Europe North America

Revenues ⁽¹⁾ FY 2023 vs FY 2022 (€m)

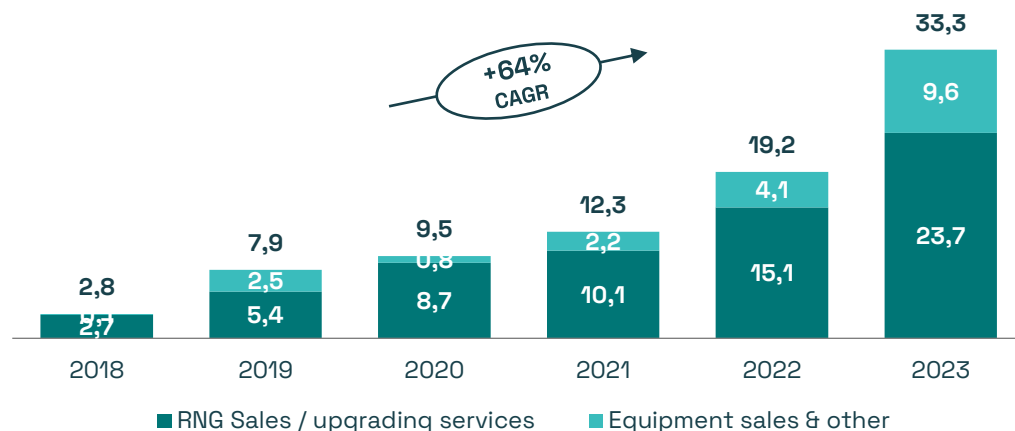
+74%



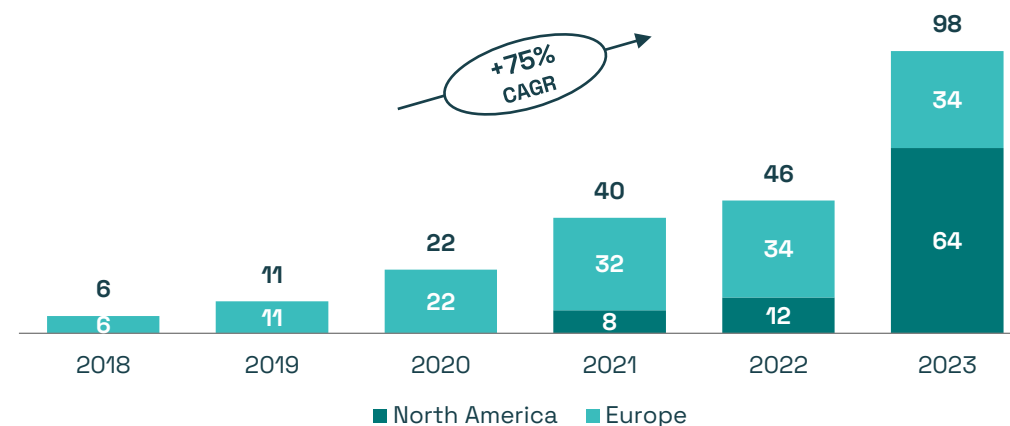
(1) Unaudited figures

Another year of continued growth acceleration

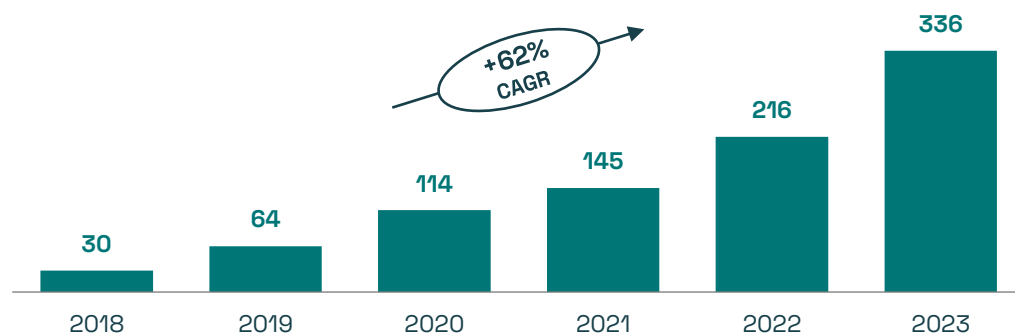
Revenue ⁽¹⁾ (€m)



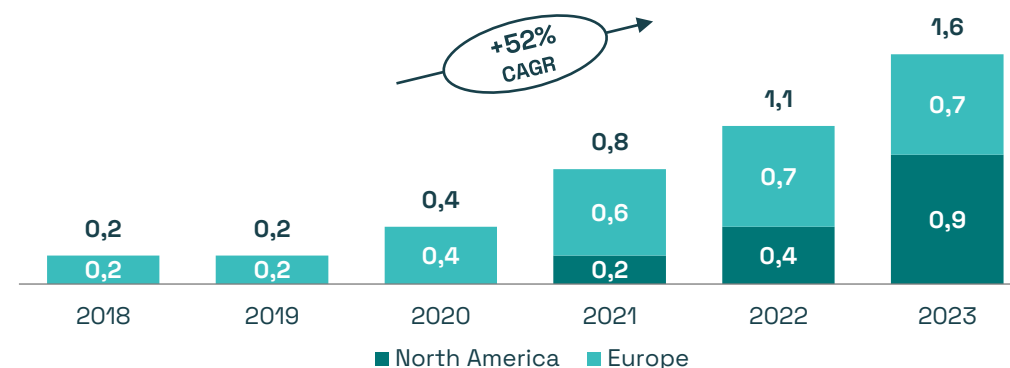
Signed Annual Recurring Revenue ⁽²⁾ (€m)



RNG Production (GWh)



Signed Capacity (TWh/y) *excluding sold units for 0,6TWh*



(1) Unaudited figure for 2023. (2) The signed annual recurring revenue correspond to the revenues anticipated by the Company over a period of 10 to 20 years in the context of long-term contracts, either for the sale of biomethane or for purification services. It does not constitute a forecast and is intended to represent, at the date, the potential of the installed base of WAGABOX® units and those under construction. In the case of a biomethane sales contract, the revenue depends on the price obtained from an energy company and the sales volumes anticipated by the Group on the basis of the landfill gas audit carried out before each project.

2026 objectives confirmed

4 TWh/y ✓

Installed capacity

2.2 TWh/y signed capacity as of end 2023

(including 0.6TWh/y corresponding to units sold)



€200m ✓

Revenue

50% of 2026 objective reached as of end 2023



~660kt ✓

of CO₂eq avoided/y



>€400m ✓ ✓ **Objective upgraded**

Signed annual recurring revenue⁽¹⁾



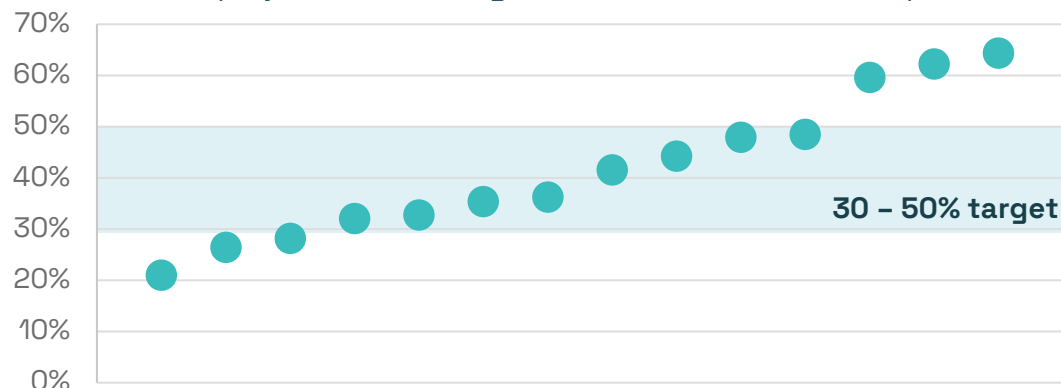
New objective: EBITDA breakeven in the course of 2025

(1) The signed annual recurring revenue correspond to the revenues anticipated by the Company over a period of 10 to 20 years in the context of long-term contracts, either for the sale of biomethane or for purification services. It does not constitute a forecast and is intended to represent, at the date, the potential of the installed base of WAGABOX® units and those under construction. In the case of a biomethane sales contract, the revenue depends on the price obtained from an energy company and the sales volumes anticipated by the Group on the basis of the landfill gas audit carried out before each project.

Strong operational & financial metrics backing our ambitions

Realized project EBITDA margins in line with ~30 – 50% target (unaudited)

FY 2023 project EBITDA margin ^[1] on WAGABOX® units in operation



Proven projects bankability

~80%

gearing on French projects final long-term financing

Significant recurring revenue visibility

As of December 2023

~€100m

Signed annual recurring revenue ^[2]

~2.7TWh/y

Potential capacity of projects in phase 3 pipeline

~4.3TWh/y

Potential capacity of projects in phase 2 pipeline

Long-term visibility on projects

As of December 2023

17.2 years

Average remaining gas right duration ^[3]

2.7 years

Average asset age ^[4]

12.2 years

Average remaining BPA duration ^[4]

(1) Project EBITDA is an indicator of operating performance, defined as operating income before non-recurring items restated for depreciation and amortisation on property, plant and equipment, intangible assets, and provisions, as well as expenses related to share-based payments, calculated on a per-project basis. Unlike EBITDA, Project EBITDA does not take into account certain fixed costs (rent outside contracts within the scope of IFRS 16, costs related to administrative and financial functions, etc.) and recurring overheads expenses. The Project EBITDA margin is calculated by dividing the Project EBITDA a specific project by the revenue.

(2) The signed annual recurring revenue correspond to the revenues anticipated by the Company over a period of 10 to 20 years in the context of long-term contracts, either for the sale of biomethane or for purification services. It does not constitute a forecast and is intended to represent, at the date, the potential of the installed base of WAGABOX® units and those under construction. In the case of a biomethane sales contract, the revenue depends on the price obtained from an energy company and the sales volumes anticipated by the Group on the basis of the landfill gas audit carried out before each project.

(3) Corresponding to the remaining duration of gas right, landfill gas purchase or upgrading services contracts for projects signed (in operation or in construction), weighted by expected production volume and excluding projects under equipment sales

(4) Based on projects in operation, weighted by production volume

Accelerated CAPEX requirement for 2022-2026 with improved financial leverage

AT IPO

€450 - 600M

with **50-80%** Debt Financing



TODAY

€600 - 750M

with **~60-80%** Debt Financing

Main drivers:

- 1) Greater share of US projects with larger average size
- 2) Additional BoP Capex for US projects
- 3) Inflation effect
- 4) Pre-manufacturing of WAGABOX® units for growth acceleration

Does not include any potential Capex savings

Does not include potential tax credits

Projects IRRs are preserved through (i) higher RNG sales prices and (ii) landfill gas royalties & other inflation indexation mechanisms

Attractive profile to leverage a wide array of financing options

Construction debt

Meridiam
for people and the planet

SWEN
Capital Partners

EIFFEL
INVESTMENT GROUP

! Just announced: \$60m construction debt secured for the first 4 WB units in the US

Project debt

BNP PARIBAS

CIC

Crédit Mutuel
ARKEA

Desjardins

BANQUE POPULAIRE **+X**

CAISSE D'ÉPARGNE

bpifrance

CA
CRÉDIT AGRICOLE

Leasing

BNP PARIBAS

CIC

Corporate debt

BNP PARIBAS

CAISSE D'ÉPARGNE

BANQUE POPULAIRE **+X**

CA
CRÉDIT AGRICOLE

bpifrance

Cash flow from operations

Equity

EURONEXT

WAGA.FP

Farm-down

Meridiam
for people and the planet

Other (grants, subsidies, etc.)

Innovation Fund

ADEME
AGENCE DE LA TRANSITION ÉCOLOGIQUE

Transition
énergétique
Québec **+X**

bpifrance



Mathieu Lefebvre
*Co-founder
& Group CEO*



07

Conclusion and Q&A

Key take-aways

- 1) **LARGELY UNTAPPED LANDFILL GAS POTENTIAL** to satisfy unmet RNG demand
- 2) **UNIQUE BUSINESS MODEL** and **EXCLUSIVE TECHNOLOGY** allowing accelerated market penetration
- 3) **READY TO SCALE** industrial and commercial playbook
- 4) **HIGH VALUE** infrastructure asset **PORTFOLIO** and **PIPELINE**
- 5) **Ambitious financial targets CONFIRMED**



**THE FRONT RUNNER TO FIGHT CLIMATE CHANGE
AND ACCELERATE THE ENERGY TRANSITION**



Waga Energy 2 years after IPO

Asset units in operation



10 — **x2** → 20

Employees



65 — **x3** → 200

Avoided EQ CO₂ Emissions



52,000 — **x3** → 142,000
Tons Tons

Revenues Full Year



€12.3m — **x3** → €33.3m

Revenue secured Annual Recurring



>€30m — **x3** → ~€100m

Signed capacity Operation & Construction



0.8^{TWh/Y} — **x2,5** → 2.2^{TWh/Y}



Glossary

Glossary

BCF	Billion Cubic Feet
BOP	Balance of Plant
BPA	Biomethane Purchase Agreement
CAGR	Compound Annual Growth Rate
CAPEX	Capital Expenditure
CH ₄	Methane
CO ₂	Carbon Dioxide
COGS	Cost Of Goods Sold
EPA	Environmental Protection Agency
ERP	Enterprise Resource Planning
FTE	Full-Time Employee
IEA	International Energy Agency
IRR	Internal Rate of Return
LF	Landfill
MMBTU	Million British Thermal Units
MSW	Municipal Solid Waste
N ₂	Nitrogen
NM ₃	Normo Mètre Cube
NORU	Nitrogen and Oxygen Removal Unit
O&M	Operation & Maintenance
O ₂	Oxygen
PSA	Pressure Swing Adsorption
RFP	Request For Proposal
RIN	Renewable Identification Number
RNG	Renewable Natural Gas
SCFM	Standard Cubic Feet per Minute
SPV	Special Purpose Vehicle
TPY	Ton Per Year
TSO	Transmission System Operator

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