



ECOMONDO 2025
BOOTH 303 PAVILION B5

25
YEARS
AWITE

TAILOR-MADE
SOLUTIONS
FOR SATISFIED
CUSTOMERS.



AGENDA



COMPANY

REFERENCES

PRODUCTS AND APPLICATIONS



AWITE – **WHO** WE ARE AND **WHAT** WE DO

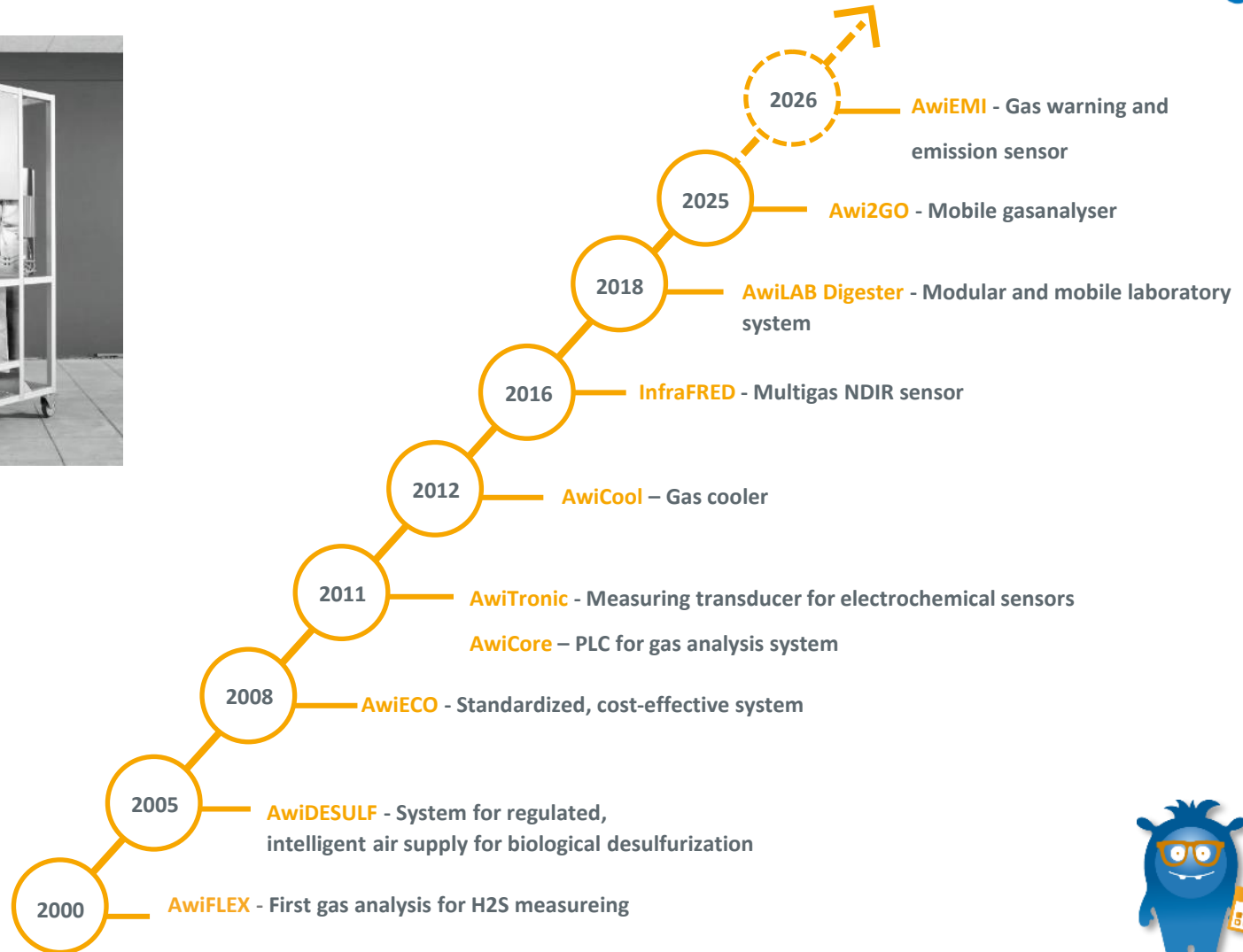


This is us ...

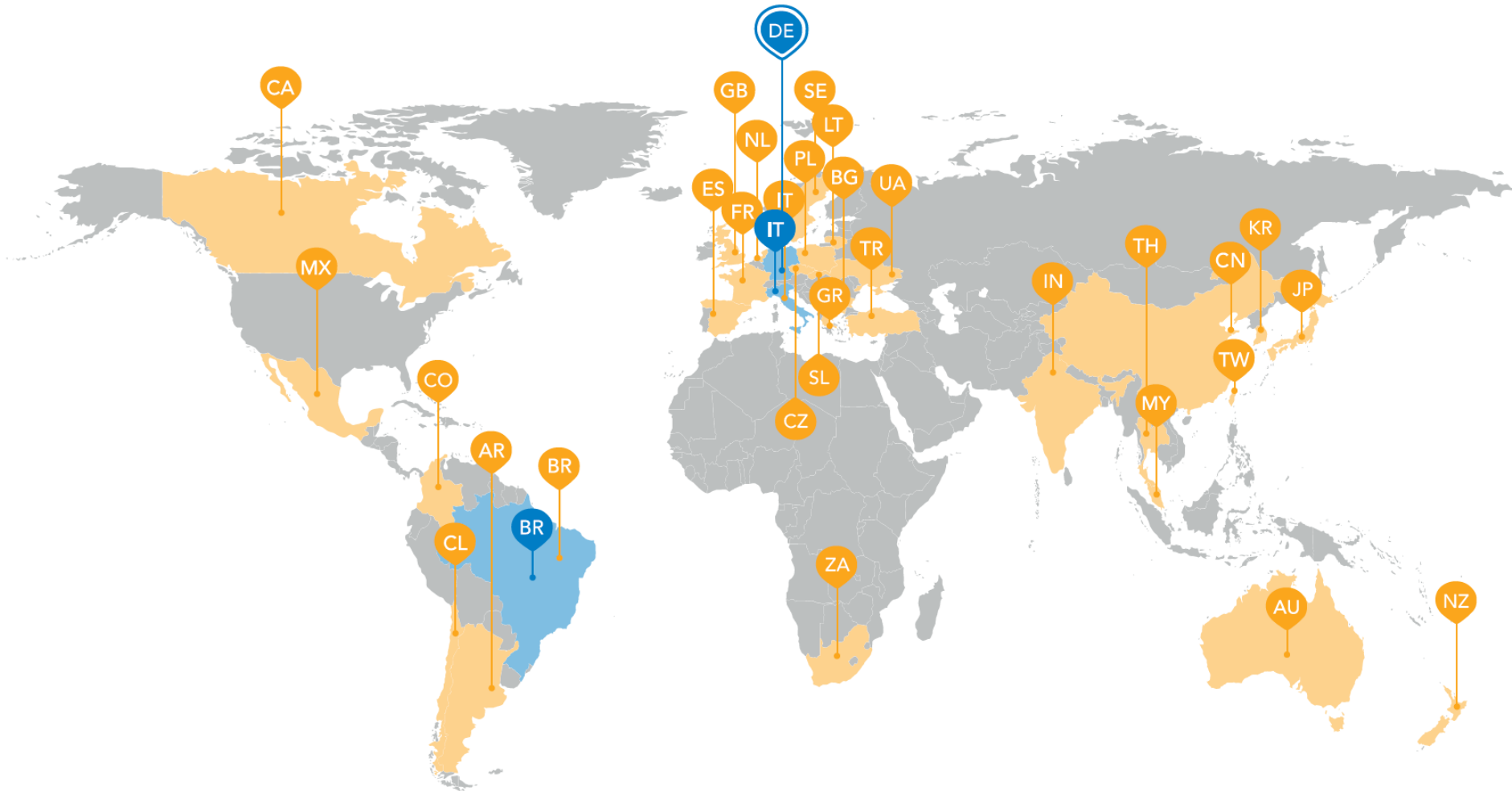
- Medium-sized, bavarian technology-enterprise
- With own development & production

...and this is what we do!

- Customer specific gas analysis systems of the highest quality for the renewable application areas of bio gas, biogas processing, Power-to-gas, sewage gas, dry fermentation, landfill gas, syngas, laboratory systems...



OUR PARTNERS AROUND THE WORLD



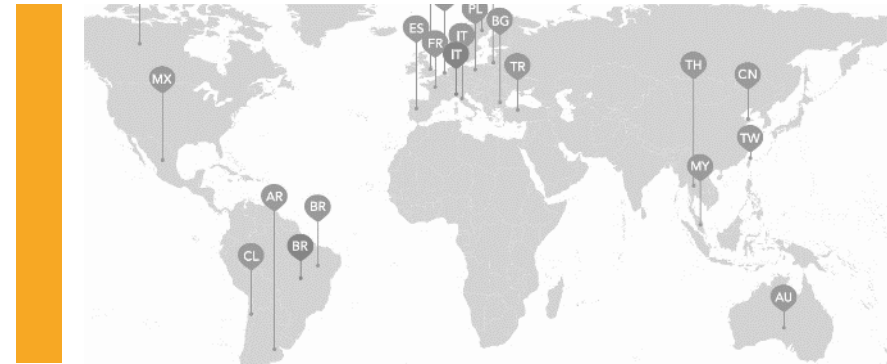
AGENDA



COMPANY

REFERENCES

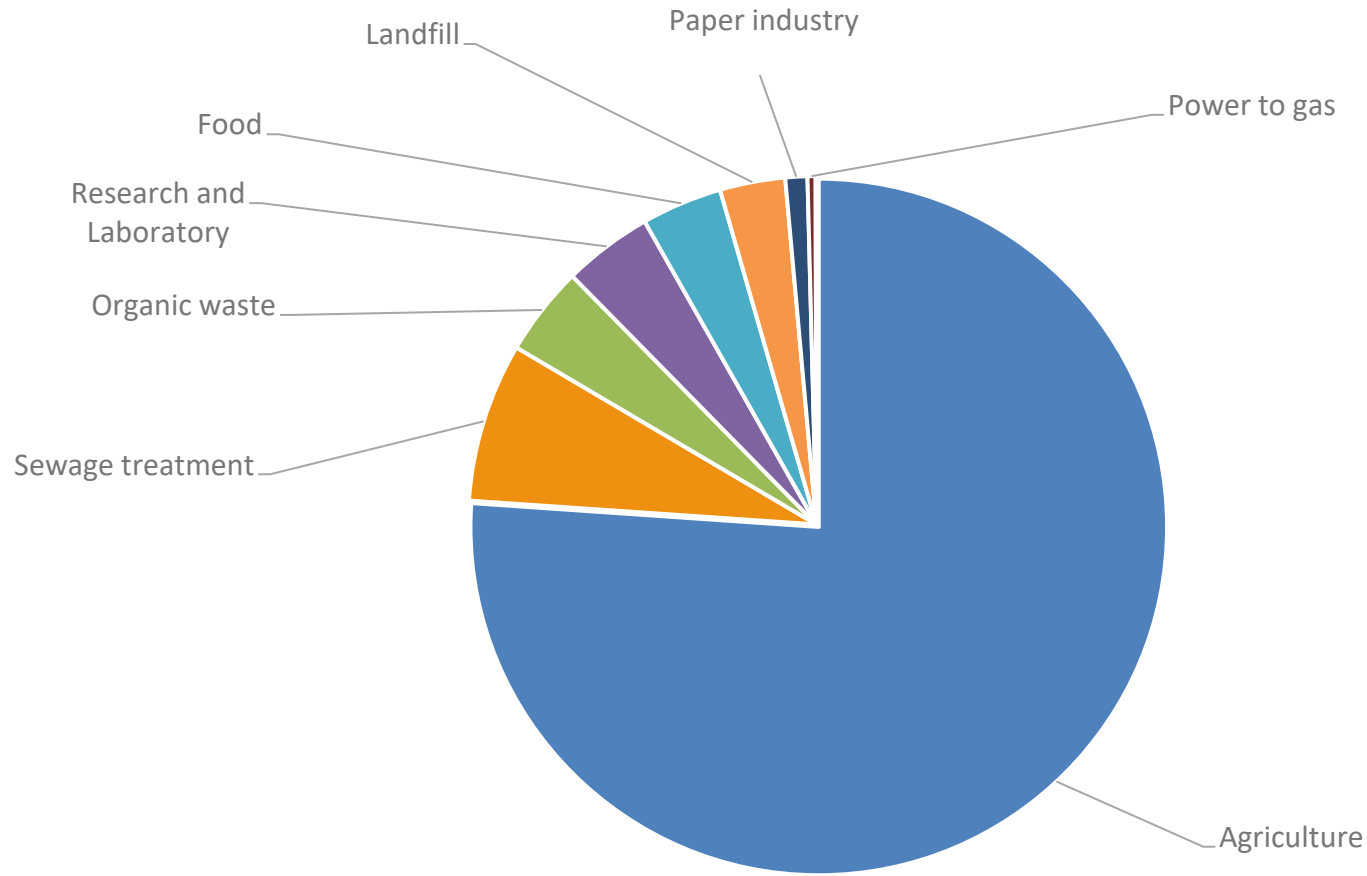
PRODUCTS AND APPLICATIONS



REFERENCES – APPLICATIONS



> 5200 units worldwide



AGENDA



COMPANY

REFERENCES

PRODUCTS AND APPLICATIONS



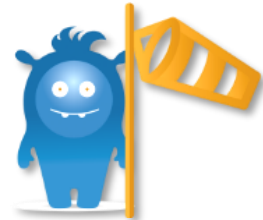
PRODUCTS



CENTRALISED AND
PORTABLE GAS
ANALYSIS



DESULFURIZATION



FLOW MEASUREMENT



PORTABLE GAS
ANALYSIS



LABORATORY EQUIPMENT



SERVICE

ANALYZE GASES WITH
AWIECO
AND **AWIFLEX**



A SUITABLE ANALYSIS – FOR EVERY
PROCESS



AWIECO

COMPACT
COST - EFFECTIVE
STANDARDIZED



AWIFLEX & AWIFLEX XL

INDIVIDUAL
MULTI – FUNCTIONAL
EXPANDABLE

CENTRALIZED GAS ANALYSIS



	AWIECO	AWIFLEX	AWIFLEX XL
1 measuring points	✓	✓	✓
Multiple Measuring points	✗	✓	✓
AwiDESULF	✗	✓	✓
SIL 1 for O2 measurement	✗	✓	✓
Ex zone 2 certification	✗	✓	✓
Continuous measurement	✗	✓	✓
Parallel measurement possible	✗	✗	✓

Maintenance free gas cooler

Measurement accuracy
Lifespan
No wear



Closed stainless steel housing

Security
Measurement accuracy
No pollution



Touch-Panel

Simple operation
Graphical & tabular display
Menu multilingual

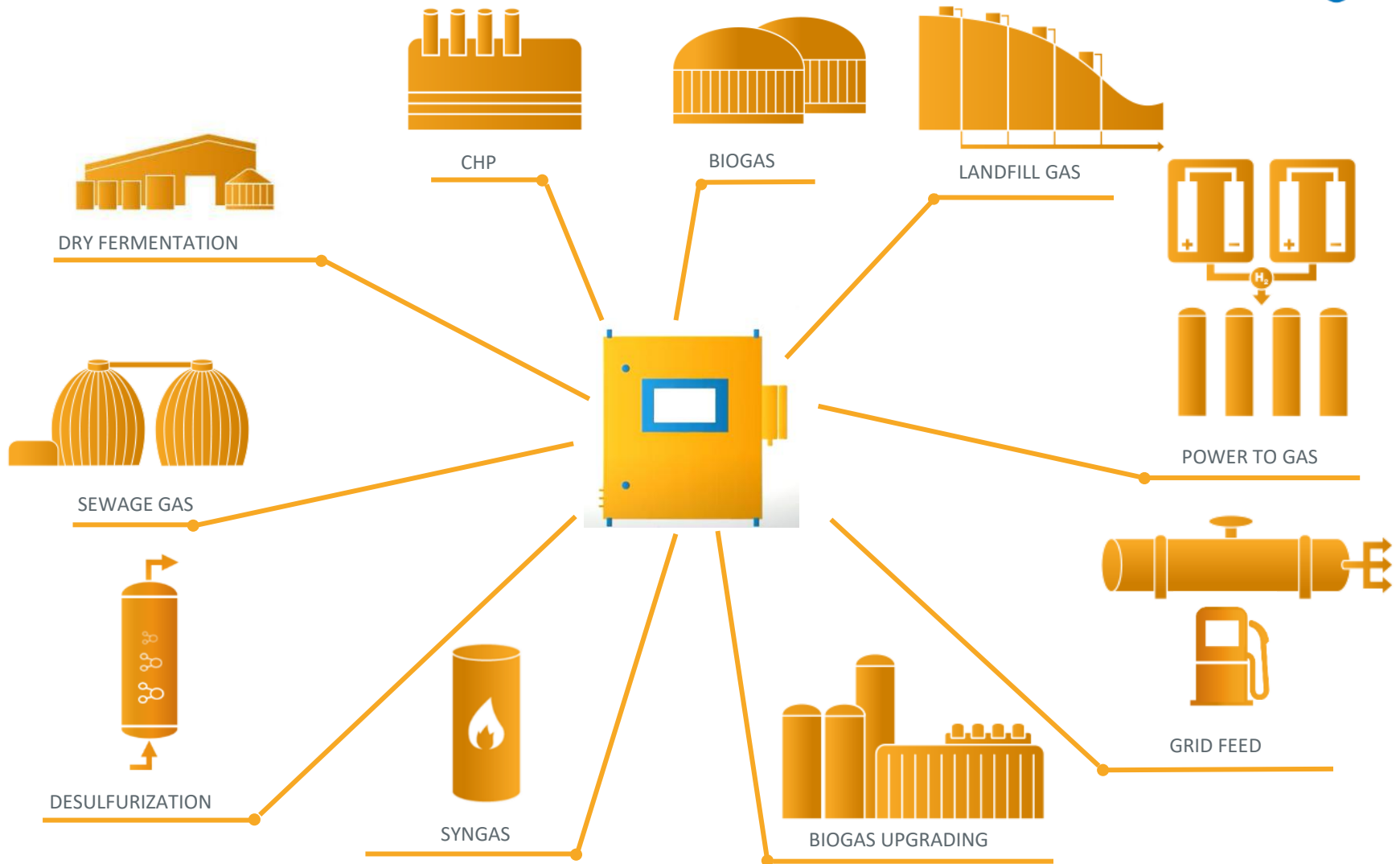


Expandable

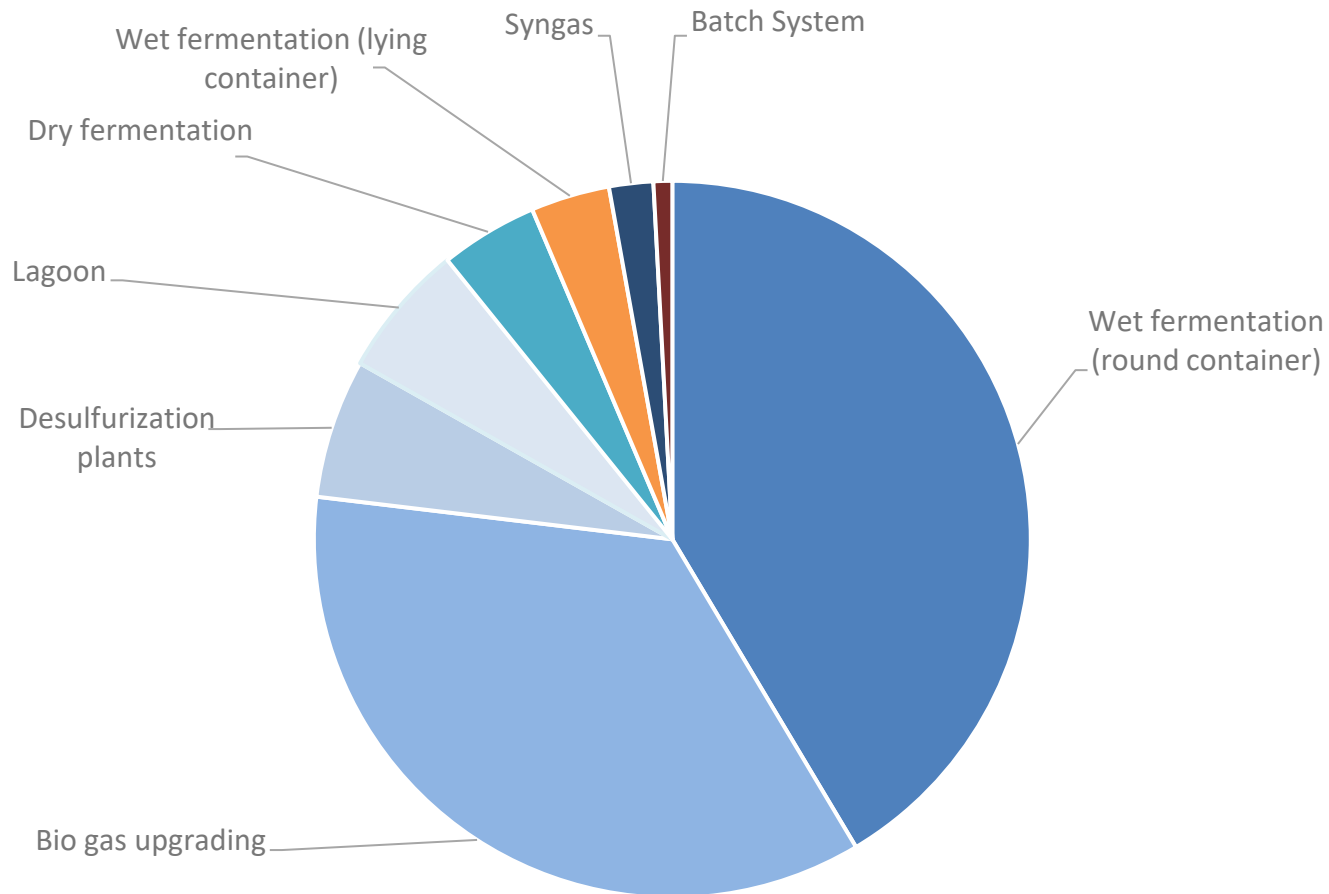
Flow, temperature, pressure and
humidity sensor
Desulfurization system (AwIDESULF)



APPLICATIONS



Procedure type



MICROBIOLOGICAL DESULFURIZATION



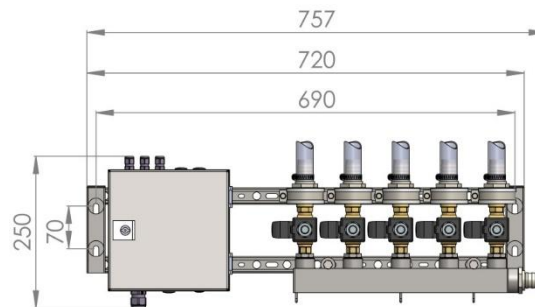
DESULFURIZE
BIOLOGICALLY WITH
AWIDESULF



NEVER TOO MUCH O₂ IN THE
SYSTEM – WITH CERTAINTY



AWIDESULF



AWIDESULF
PURE OXIGEN

INDIVIDUEL
EXACT
COST - EFFICIENT

⊕ process stability



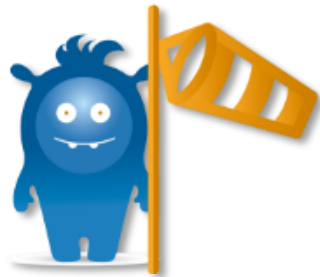
⊕ minimal running costs



⊕ also regulates precisely in the event of fluctuations amount of gas generated



MEASURE MORE
PRECISELY
WITH **AWIFLOW**



HIGHEST PROCESS ACCURACY STABLE
PROCESSES



**AWIFLOW – FLOW
MEASUREMENT**

INTELLIGENT
COMPACT
ROBUST

- ⊕ Balancing material and energy flows
- ⊕ Standard flow determination by integrated moisture correction
- ⊕ Possibility of proof of produced amount of gas



Approval ExZone 1

- ⊕
- Can be used anywhere due to low pressure loss, wide temperature range and high durability



Awite 2GO

- ⊕ Intuitive & smart use: Operation like on a smartphone
- ⊕ Ready for use in 30 seconds
- ⊕ Measuring process with just one button. 6 measured values, CH₄, CO₂, O₂, H₂S + CO + H₂, in 60 seconds.
- ⊕ 2,000 plants, 4,000 measuring points, 75,000 measured values and 5,000 messages, label and save everything individually.



LABORATORY
EXPERIMENTS

AWILAB PRODUCT
FAMILY



SPECIALLY FOR YOUR
LABORATORY APPLICATIONS
IN THE BIOGAS SECTOR



AWILAB
GASANALYSER

INDIVIDUALLY
AUTOMATED
EXPANDABLE



AWILAB DIGESTER

MODULAR WITH UP TO
7 FERMENTERS



- Fully equipped maintenance vehicles– always everything on board
- Abroad support from local partners (Italia: **Awite Bioenergia Srl**)
- Fast response times in support and shipping of spare parts
- Easy replacement of spare parts with the help of illustrated instructions





THANK YOU!

ECOMONDO 2025
BOOTH 303 PAVILION B5

25
YEARS
AWITE

AWITE BIOENERGIE GMBH
INFO@AWITE.DE
WWW.AWITE.DE
TEL. +49 (0)8761 / 72162-0

ANDREA ALBERINI
ALBERINI@AWITE.IT
TEL. +39 375 67 21 593

