

Where legacy foundations and *start-up mindset* *collide*

Arxada corporate overview

April 2024

A modern office interior with glass walls and multiple levels. Large white letters spelling 'WHLA' are visible on the upper level. A large blue circle is centered over the image, containing the text 'Company fast facts'.

Company *fast facts*

Our company

Arxada is a global leader in microbial control, continuously innovating to meet the needs of the future by helping our partners solve their toughest preservation challenges

arxada

Key facts & financials 2023



2.0B
revenue



3,400
employees
worldwide



14 R&D
centers



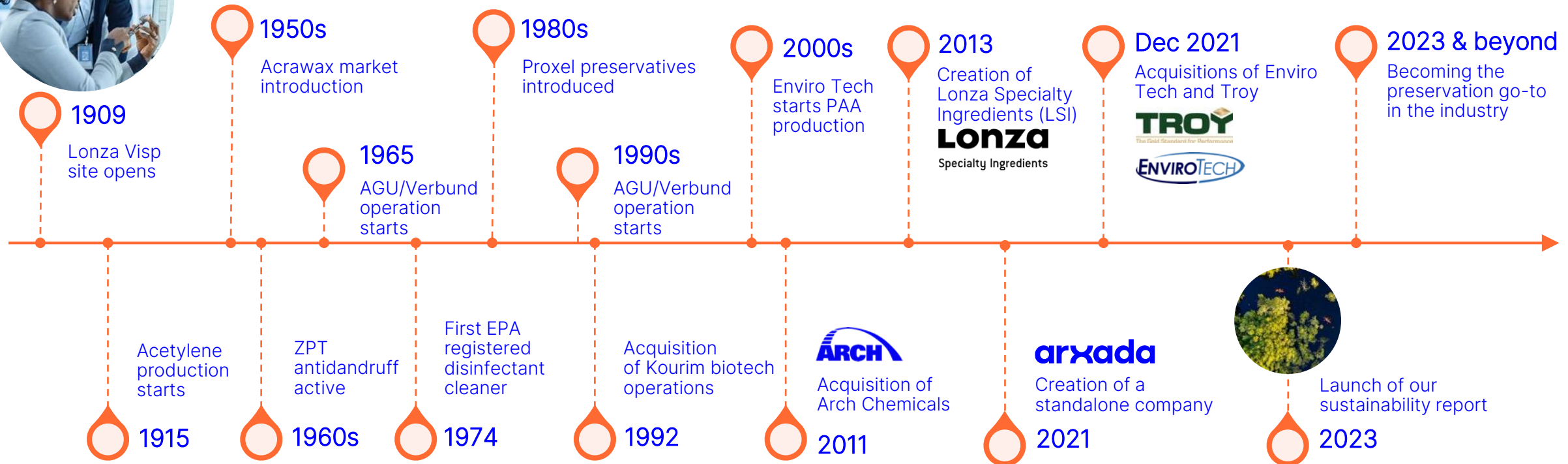
24
manufacturing
facilities

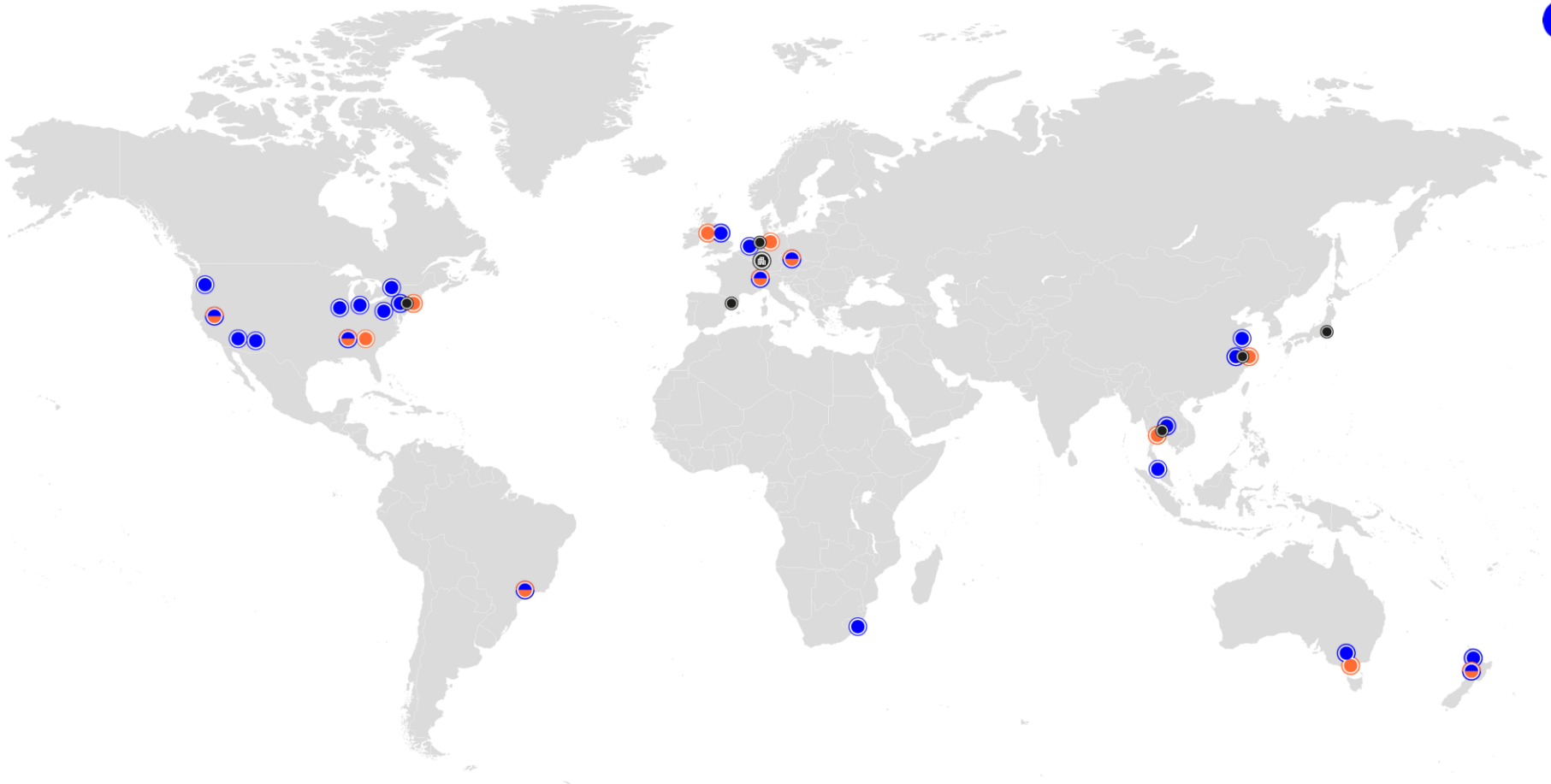


Over 100
countries
served



Recognized
sustainability
trailblazer





Site Legend



Headquarters

- Basel (Switzerland)

Main Commercial Sites

- Center of Excellence (Barcelona)
- Bangkok (Thailand)
- Delft (Netherlands)
- Florham Park & Morristown (NJ, USA)
- Shanghai (China)
- Tokyo (Japan)



Research & Development

- Alpharetta (GA, USA)
- Bangkok (Thailand)
- Florham Park & Morristown (NJ, USA)
- Hannover (Germany)
- Manchester (UK)
- Melbourne (Australia)
- Shanghai (China)



Manufacturing

- Auckland (New Zealand)
- Helena (AR, USA)
- Huddersfield (UK)
- Horhausen (Germany)
- Kabin Buri (Thailand)
- Kalama (WA, USA)
- Mapleton (IL, USA)
- Moerdijk (Netherlands)
- Nanjing (China)

- Newark (NJ, USA)
- Penang (Malaysia)
- Pheonix (AZ, USA)
- Port Shepstone (South Africa)
- Rochester (NY, USA)
- Suzhou (China)
- Trentham (Australia)
- Valparaiso (IN, USA)
- Williamsport (PA, USA)



Combined R&D/Manufacturing

- Conley (GA, USA)
- Modesto (CA, USA)
- New Plymouth (New Zealand)
- Kouřim (Czech Republic)
- Salto (Brazil)
- Visp (Switzerland)

What we do *for the world...*

Protect

homes and families with products that prevent mold and fungi

Support

renewable energy by optimizing wind turbines

Extend

the lifespan of daily products

Sustain

a stable food supply chain with crop pest control

Promote

healthy living with Vitamin B3 and Niacin Products

Help

wood last longer through innovative technologies

Safeguard

food from contamination in food processing and preparation

Make

shipping better for the planet with anti-fouling paints

Combat

the spread of infectious disease with disinfectants

Ensure

safe water systems with treatments against waterborne microorganisms

Microbial Control Solutions (MCS)

As global leaders in microbial control, MCS provides more sustainable, science-based solutions utilizing differentiated capabilities in microbiology, actives delivery & formulation chemistry, manufacturing, and unmatched regulatory expertise to meet customer needs in a wide variety of end-markets, specifically:



Nutrition, Care & Environmental (NCE)

NCE meets customer needs in an array of industries including food/feed supplements, aerospace, electronics, renewables, agriculture and industrial intermediates. It builds upon its strong vertical integration into chemical building blocks (ethylene, acetylene, ketene/diketene, HCN) and fermentation capabilities as well as a deep technical know-how to turn customer needs into high performing solutions through directly supplying products or customer development and manufacturing (CDMO)



Our advantage



*Technology
& innovation*



*Regulatory
leadership*



*Sustainable
futures*

A man with glasses and a woman with braided hair are in a laboratory or office setting. The man is holding a small electronic circuit board. In the background, a computer monitor displays a technical diagram. A large, semi-transparent blue circle is centered over the image, containing the text "Technology & innovation".

Technology & *innovation*



The Technology & Innovation team is comprised of over 400 scientists with expertise in chemistry, biology, biotechnology, regulatory and other specialty areas.

Our team works daily to meet the demand for market-driven innovative products that deliver on the need to provide *solutions that promote global sustainability efforts.*

Advanced microbiology techniques

*High
throughput*

efficacy
screening & rapid
disinfection
testing

DNA

identification of
microorganisms

Dry film

fungus and
algae testing

Virus

testing

Biofilm

claims &
simulations

Fungal

and bacterial
challenge
testing

Mold

evaluation

Fungal

cellular testing

Outdoor

exposure
stations

Jungle

tests

QUV

accelerated
ageing

Extreme

weathering

Key innovations

Geogard® Boost
PCG

*Changing the face of
cosmetic applications*

Mild ingredients, responsibly
sourced, maximum microbial
protection

Nugen® EHP 32D
*Inventing the future
of disinfection*

Meeting the demand
for industrial
strength purification with
gentler handling attributes

Tanasote®
*Wood protection solid
as oak*

Safeguarding industrial
timbers for the long haul
and promoting an end
to deforestation

A full-page background image showing a view of Earth from space, with a large blue circle in the center. The circle contains the text 'Regulatory leadership'. The background shows a satellite or space station in the upper right corner, with the Earth's surface and clouds visible below.

Regulatory *leadership*

World class regulatory

We offer products to match the regulatory landscape

Innovative products with favorable environmental, health and safety profiles, safe use, risk management.

Comprehensive regulatory support

Key contacts, global support, regional presence, coordinated hazard assessment, global product registration strategies.

Best-in-class scientific and technical knowledge

Robust study databases, up-to-date risk assessments.

Advocating to the highest political levels

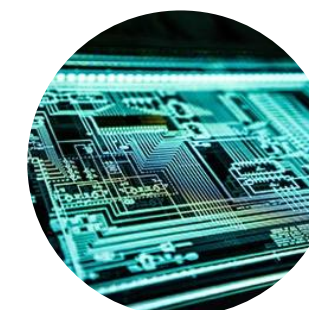
Strong presence in Governmental and Institutional Relations groups, and direct contact with decision makers, authorities and regulatory entities. Ensure the functioning of markets and maintain the competitive position of our industry.



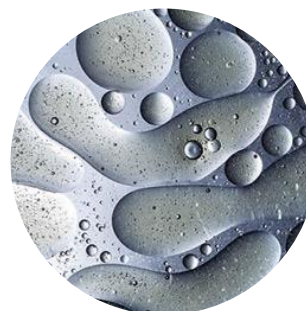
Experts in all regulated markets



Strong position in advocacy



Future proofed database generated for innovation guidance



World-Class toxicology research expertise



Guidance and Advocacy to bring new solutions to the market



Sustainable *futures*



OUR PURPOSE

*Better science to
solve the world's
toughest preservation
challenges*



*A recognized leader
in carbon management*

Scope 1, 2 and 3 SBTi approved GHG targets

Our carbon management journey

– *Arxada leadership continues*

Towards net zero 2050

2022

- 2050 Net Zero commitment/2030 goals
- Science-Based Targets submitted
- GHG scope 1&2 emissions reduction ~58% vs. 2021
- Waste reduction ~20% vs. 2021
- Carbon Disclosure Project (CDP) inaugural submission
- Identified emissions intensive raw materials for 2021

2021

- 1st leveraged buy-out to have sustainability-linked financing
- Financial instruments tied to sustainability achievements
- GHG reduction focus formalized

Arxada Company Presentation

2023

- Science Based Targets (SBT)

Validated		
2050	2030	2030
Net Zero	50% reduction Scope 1,2	28% reduction Scope 3

- Ecovadis Bronze and Carbon Management Leader
- Inaugural 2022 sustainability report
- Product carbon foot-printing (PCF) initiated
- External assurance on Scope 1&2 and waste
- Roll-out SCoC – alignment with suppliers
- Decarbonization continues

2024+

- SBTi and CDP – continued commitment
- PCF – aligned with market demand
- 2023 sustainability report
- EcoVadis – ongoing enhancement of our performance
- Supplier evaluation on CSR – joining EcoVadis as buyer
- ESG supplier evaluation
- Scope 3 – defining governance
- External assurance on Scope 1&2 and waste
- Decarbonization continues

Our global leadership



*Sanjeev
Rastogi*
Chief
Executive
Officer



*Peter
Frauenknecht*
Chief Financial
Officer



*Olivier
Lambrechts*
President,
NCE



*Richard
Strittmatter*
Chief Technology &
Innovation Officer



*Scott
Campbell*
SVP,
Integrated
Operations



*Annette
Bergknut*
Chief People
Officer



*Kristin
Rinaldi*
SVP, Legal, IP
& Compliance



*Tafa
Magaya*
SVP, Growth,
Strategy &
Transformation