



*The optimal
process solutions*

EEDB

EURODIA ENGENHARIA DO BRASIL

AMERIDIA

THE OPTIMAL PROCESS SOLUTIONS

OENODIA

ADDITIVE FREE SOLUTIONS

CHEMISTRIN

SUSTAINABLE PROCESS SOLUTIONS

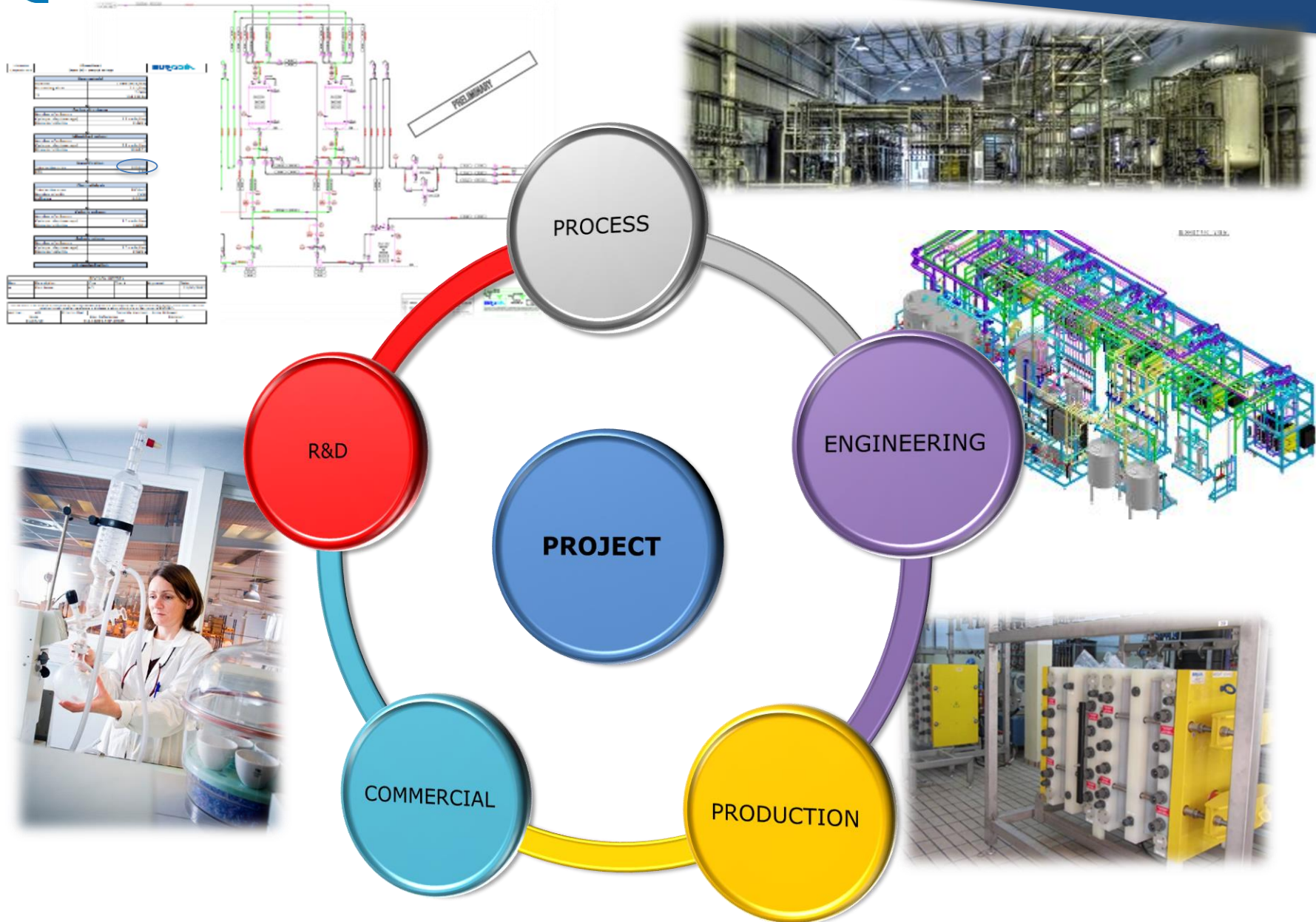
*Eurodia designs and realizes complete process solutions
in the field of purification and fractionation.*



THE OPTIMAL PROCESS SOLUTIONS

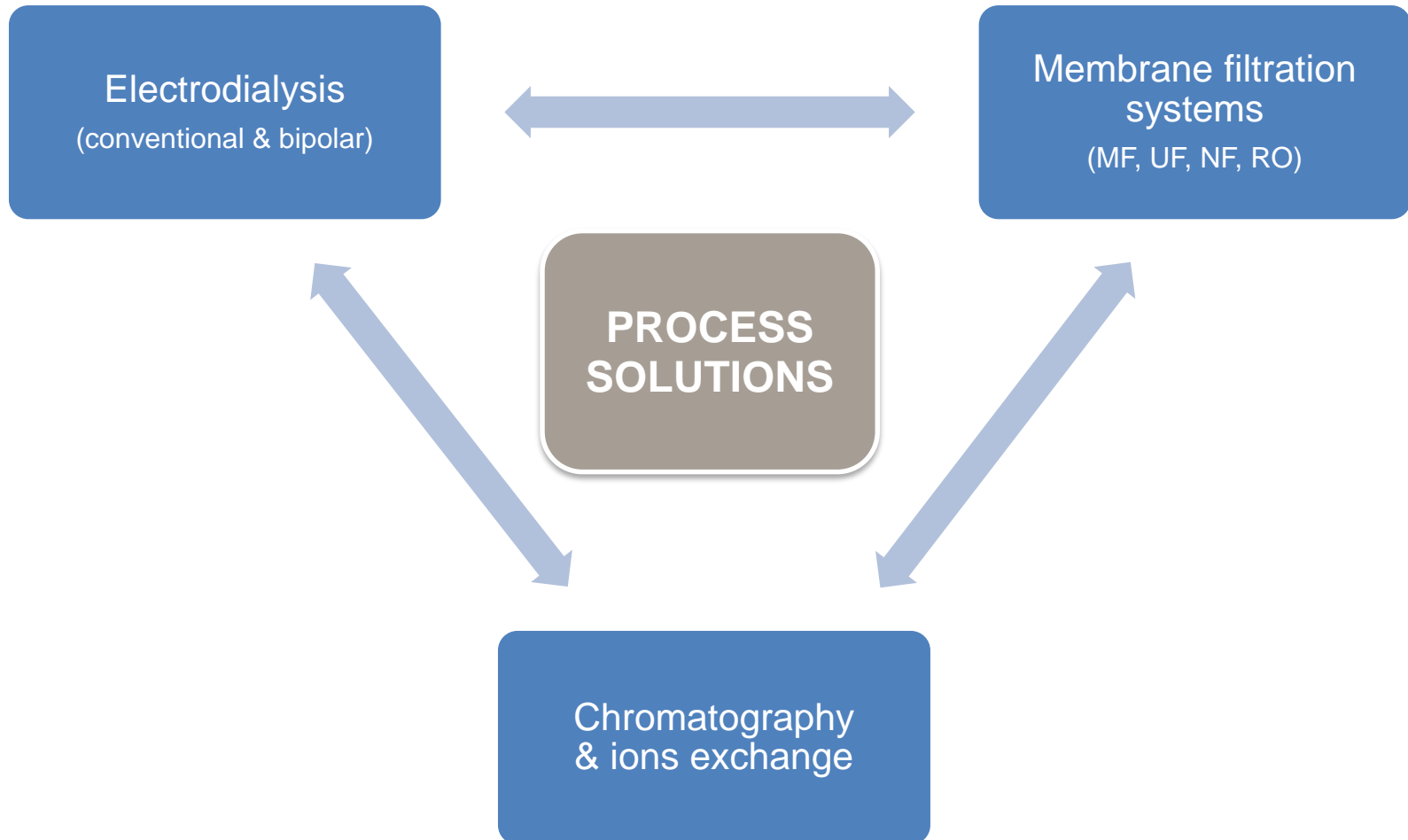


- **Set up** 1988
- **Capital** Founder & Executive team
Shareholder : Mitsubishi Chemicals
- **Total Staff** 85 worldwide
- **R&D** 15% of expenditures dedicated to R&D
- **Turnover** 30 M€





ADVANCED SEPARATION TECHNOLOGIES





DAIRY INDUSTRY

- Valorization of whey
- Proteins fractionation
- Milk standardization



WINE AND JUICE INDUSTRIES



- Tartaric stabilization of wines and juices
- pH adjustment of wines and juices
- Alcohol removal of wines
- Crossflow filtration of wines



STARCH AND SUGAR INDUSTRIES

- Liquid sugar production
- Demineralization, clarification & decoloration of syrups
- Purification of specialty sugars and polyols
- Production of glucose & fructose and oligosaccharides

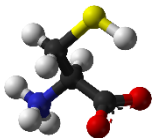




BIOTECH



- Demineralization & separation of amino acids
- Purification & deacidification of organic streams
- Production of organic acids



CHEMICAL INDUSTRIES

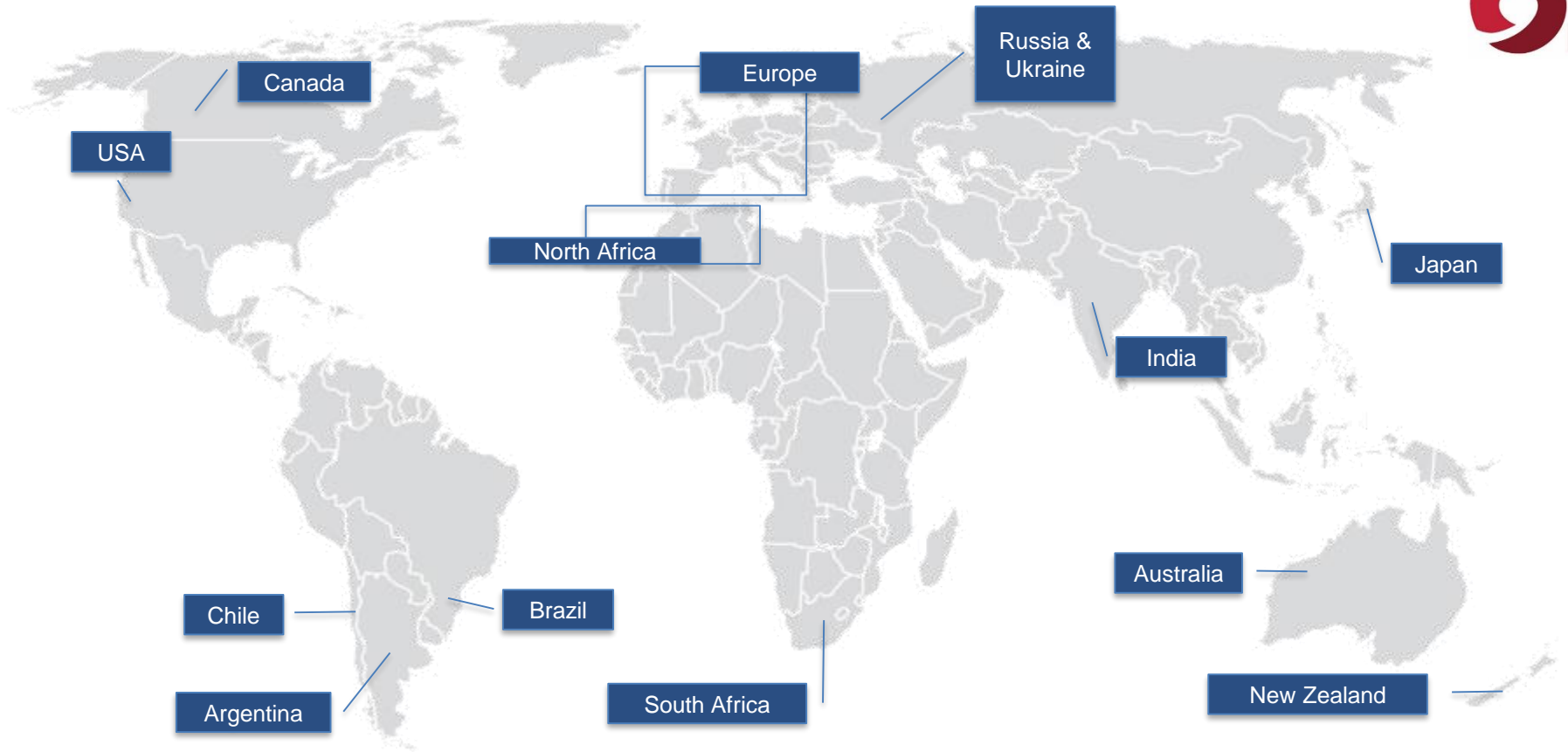
- Petrochemistry
- Lithium production
- Purification of solvent
- Production of acid and base from salts
- Electroless nickel plating industry





Eurodia's Enology Department Membrane Solutions

- STARS Stab – STARS pH (ED membrane)
- Paired XF Filtration (Polypropylene membrane)



230 units worldwide
1,2 billion bottles of wine stabilized

Achieving stability through the 3-step procedure

A close-up photograph of a Stabilab data sheet. The sheet is white with black text and a red logo. It contains a table with columns for "min", "C. max", "C. min", and "C. calc.". The table is partially filled with numerical data. The text "DIT" and "Initial Co" are also visible on the sheet.

	min	C. max	C. min	C. calc.
1	125	125	125	125
2	125	125	125	125
3	125	125	125	125
4	125	125	125	125
5	125	125	125	125
6	125	125	125	125
7	125	125	125	125
8	125	125	125	125
9	125	125	125	125
10	125	125	125	125

✓ 1. Analyze



✓ 2. Stabilize



✓ 3. Confirm stability
before bottling

TARTARIC STABILIZATION – Semi-Automated Units



- 1 500 up to 12 000 l/h capacity
- Possible upgrade
- XF pairing option
- Automated processing
Manual CIPs

TARTARIC STABILIZATION – Full-Automated Units



- 6 000 up to 24 000 l/h capacity
- Tank management
- XF pairing option



TARTARIC STABILIZATION – Mobile Service



Pairing XF & STARS – Streamline your process



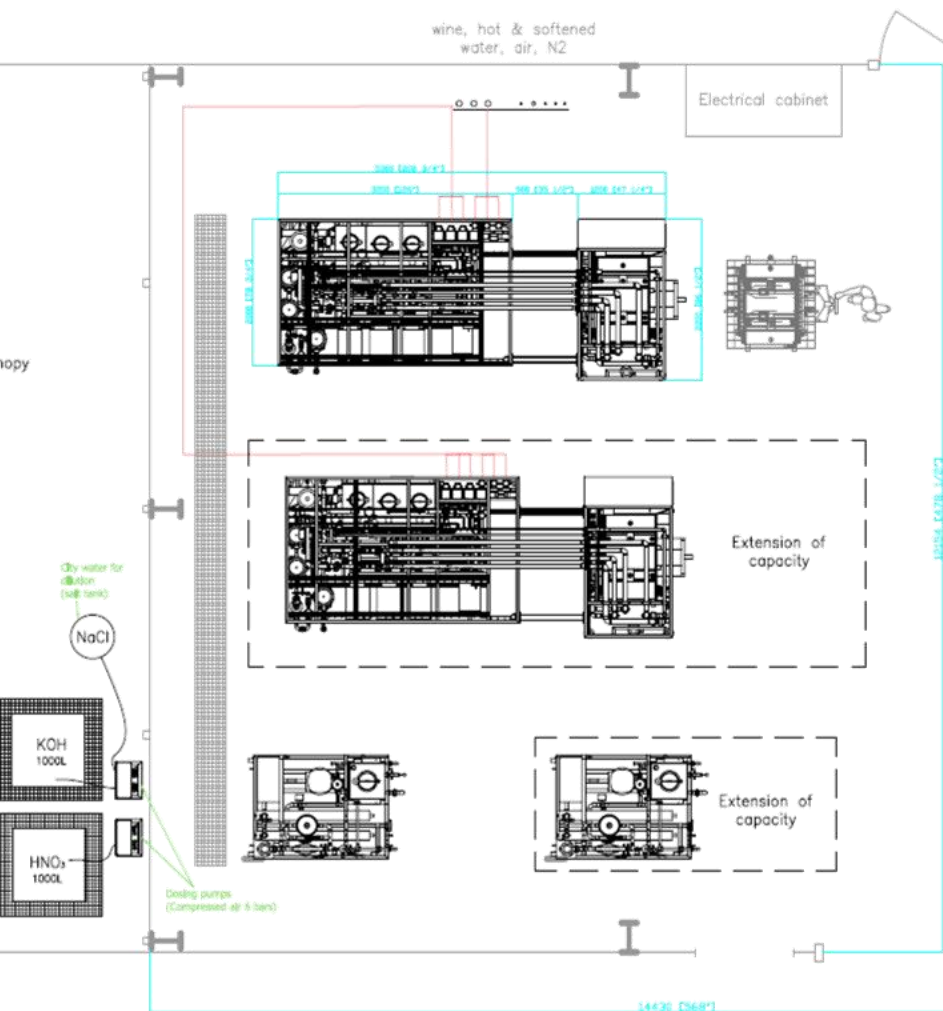
From standard 1 500 l/h ...



Pairing XF & STARS – Streamline your process



... to tailor-made
24 000 l/h process lines





www.oenodia.com

Thank you for your attention

EURODIA
GROUP

THE OPTIMAL PROCESS SOLUTIONS

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