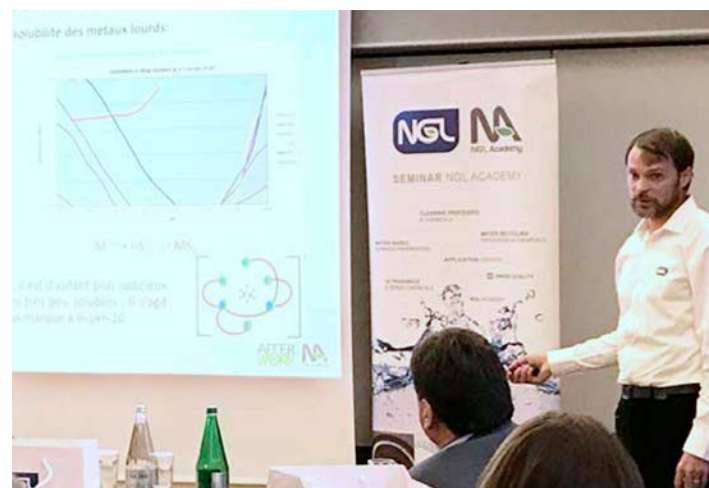
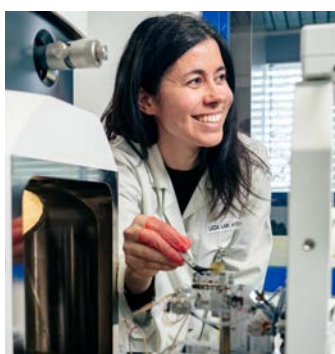


NEED TO EXPAND YOUR KNOWLEDGE?

Your employees are at the heart of your value chain. Our engineers offer half-day theoretical or full-day theoretical and practical training courses, on site with your machine, or in our laboratory with our equipment.



Combining theory and practice on the machines, these sessions answer questions on how detergents work, the key stages in a cleaning process, advice on handling and positioning parts, identifying cleaning faults and their causes, etc...



These training sessions are organized at our various subsidiaries, directly at your site or online.

- THEORY - 1/2 DAY
- THEORY + PRACTICE - 1 DAY

In the event of difficulties with your cleaning processes, our NGL Academy can take the form of an on-site audit.



GAIN PRODUCTIVITY THROUGH TRAINING

Cleaning and surface preparation processes require a good understanding of the physical and chemical mechanisms involved:

- Quality of water used to prepare baths or rinse rooms
- Substrate sensitivity
- Dosing and concentration measurement of chemicals



NGL ACADEMY TRAINING SEMINARS

Theoretical part (1/2 day) or theoretical + practical part (1 day)

MODULE A

GOOD PRACTISES IN WATER-BASED INDUSTRIAL CLEANING PROCESSES

- Introduction to cleaning
 - Why cleaning?
 - What is a clean part?
- Chemicals: water and detergents
 - Water property and quality
 - Chemical principles of cleaning, detergent families
- Cleaning techniques
 - Ultrasonic, spray, vacuum
 - Substrates, pollution and geometries
- Process & cleanliness control
 - Check cleanliness
 - Identifying malfunctions

MODULE B

PROCESSED WATER TREATMENT AND RECYCLING IN WATER-BASED INDUSTRIAL CLEANING PROCEDURES

- Water supply
 - Types of water
 - Why pre-treat water?
- Process water
 - Process water types (hard, softened, osmosis and demineralized water)
- Pre-treatment
 - How to produce process water?
- Recycling
 - Why recycling?
 - Which water to recycle?
 - How to recycle process water?

MODULE C

INDUSTRIAL WASTEWATER TREATMENT PROCESSES

- The industrial water cycle
 - Capture, supply, use, treatment, discharge
 - Environmental impact
- Regulations
 - Applicable standards and laws (FR and CH)
- Treatment methods
 - Which water to treat (tribofinishing, galvanoplasty, floor washing, etc.)?
 - How to treat them? (physical-chemical, advanced oxidation, evaporation)
- Zero liquid discharge
 - Optimizing water recovery