

## **Corporate presentation**

Date 01/2018



### **ELECTRODE TECHNOLOGIES & WATER TECHNOLOGIES**





### **De Nora identity**

Our daily activities are driven by our values

Balance between global mindset and respect of our history

### **MISSION**

One company
Comprehensive portfolio
Performing products
Services and applications

Innovation and proactive attitude

Integrity and fairness

results orientation

Focus on people and

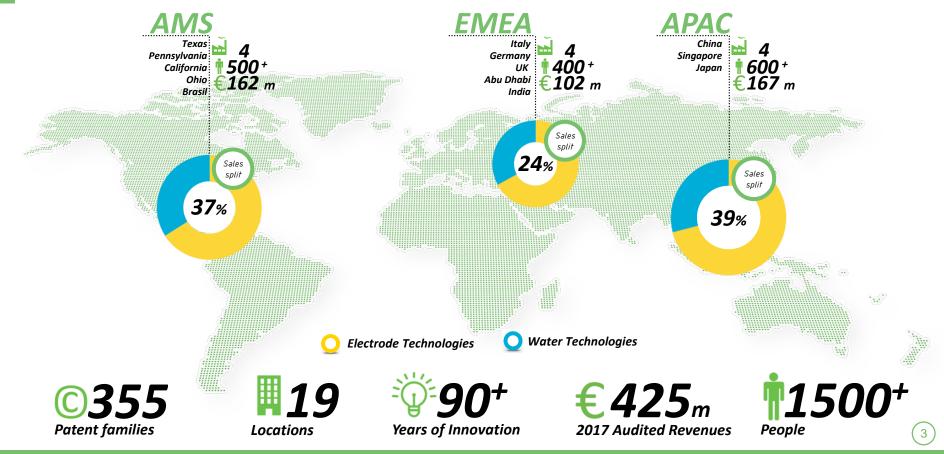
respect of diversity

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Passion and

## De Nora at a glance







### **Our commitment**

Delivering innovative products and solutions to diversified industries to address customers' needs

### **ELECTRODE TECHNOLOGIES**

electrochemistry at your service















# water made easy















### A sparkling journey of an entrepreneurial family

### 1923 Foundation

1923-Oronzio De Nora founds his own company

#### 1960-1980 First global expansion

- Japan: JV with Mitsui
- Brazil

#### 1980-1990 Boom global expansion

- USA
- Singapore
- India
- China
- Germany

#### 2000-2010 JVs' & acquisitions

- JV with Uhde
- JV with Severn Trent Service
- Acquisition of Eltech System Corp
- Acquisition of Permelec Electrode

#### 2010-Today

- De Nora Next
- JV with ThyssenKrupp Industrial Solution
- Acquisition of Severn Trent Water Purification and Ozono Elettronica Internazionale



1923-1950 The electrochemical choice

First patent: improving chlorine production

1960-1980 Titanium anode revolution

Introduction of insoluble anodes (DSA® and new membrane technology)

1980-1990 DSA® diversification

Industrial application expansion to galvanizing copper foil, electronics and water disinfection ~'90 Gas diffusion electrodes

Breakthrough applications in base chemical processes

2010-today Challenging macrotrends

New R&D project: Energy storage, Oil&Gas water treatment, mining electrowinning, cleaning & sanitization



## De Nora future challenges

Based on our experience, we are committed to provide new solutions for the global needs



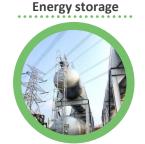




Resource scarcity



Mining



**Strategic arenas** 



Energy savings and resource recovery



Water treatment



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