

INNOWACJA JAKO PODSTAWA MIĘDZYNARODOWEGO SUKCESU FIRMY



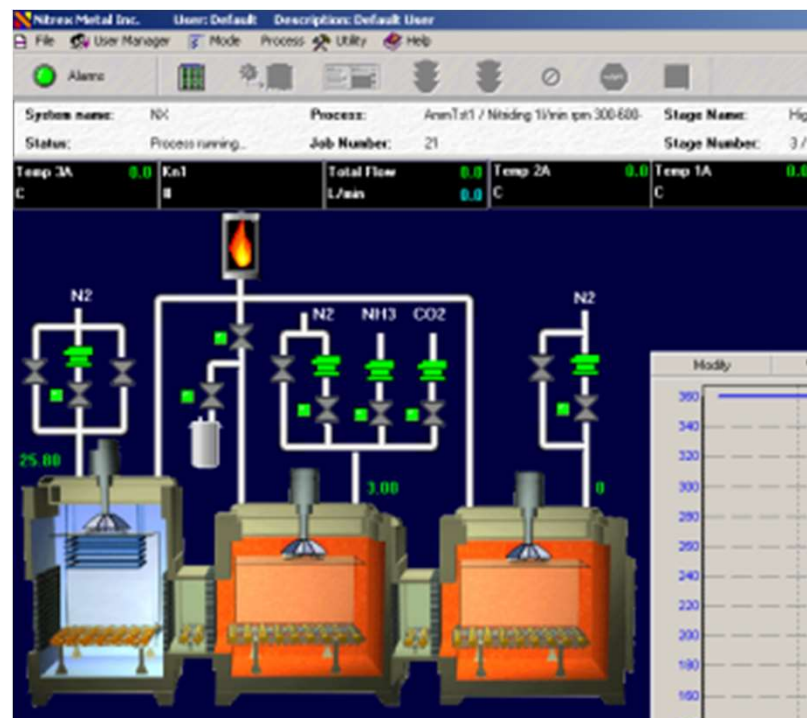
MICHAŁ KORWIN-SZYMANOWSKI
PREZES GRUPY NITREX METAL INC.
Absolwent Politechniki Częstochowskiej

Międzynarodowa firma oferująca komputerowo sterowane systemy do obróbki cieplnej wraz z technologią kontrolowanego azotowania gazowego.

Rok założenia: 1984

Motto zasadnicze:

Stałe ulepszanie naszej technologii podwyższa konkurencyjność produktu naszego klienta.





Od prostych instalacji...

Model	NX-4238
Dimensions	Ø 4200mm x 3800mm H
Load (max)	20,500 kg (45,000 lbs.)
Application	Gears



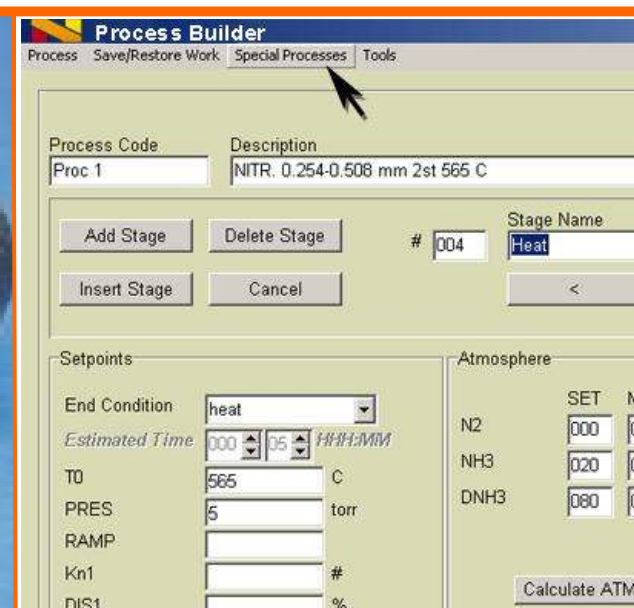
do największych pieców do azotowania na świecie.



Badania i analizy



Technologie



Specjalne procesy

Prace badawczo-rozwojowe nad nowymi zastosowaniami, specjalnymi procesami i technologiami stanowią ważną pozycję w spektrum działalności Nitrex-u.

Founding Year

Nitrex Metal Inc. based in Canada launches Nitreg®, a new standard in computerized process control based on potential controlled nitriding.



1st Heat Treat Shop

First company-owned metal treating center opens in Montreal. Nitrex expands into USA and Poland over two decades. Adds new technology ONC® that enhances the corrosion / wear resistance of Nitreg® treated steel.

Turnkey Systems

Starts sale of turnkey nitriding systems to captive market, first installation for nitriding extrusion dies in operation at Alcan Germany. Over the next 35 years, 500+ systems installed worldwide.

1981

1984

1987

1990

1991

1993

An Idea is Born

Michel Korwin with Dr. George Tymowski and some bridge buddies set out to develop an advanced nitriding process.



Licensing

Grows by licensing Nitreg® to heat treater, Colmegna Srl in Milan. Number of licensees expands worldwide throughout the years, available in 20 countries.

2nd Heat Treat Shop

Partners with H & S Heat Treating to launch Nitrex Metal Technologies in Burlington, Canada, offering nitriding services to Ontario customers.



Industry Standard

Authors international specification 'ASM 2759/10 Automated Gaseous Nitriding Controlled By Nitriding Potential'. Today it's a world standard.
Expands technologies with launch of Nitreg®-C nitrocarburizing, an environment friendly alternative to salt bath nitrocarburizing.

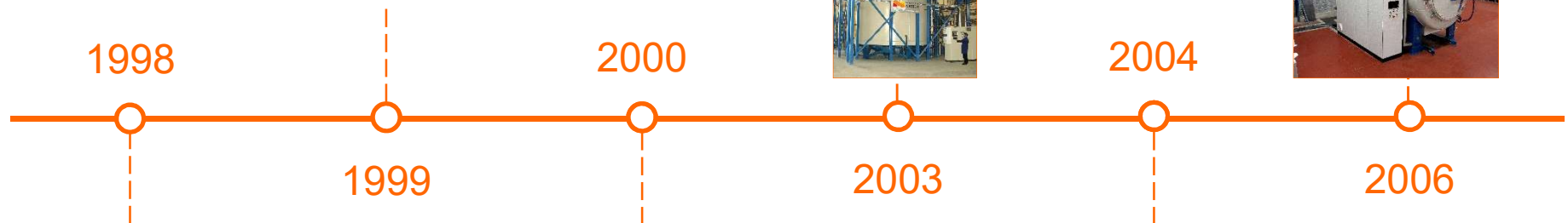
Mammoth System

Builds and delivers a mammoth nitriding system (4.2 meter diameter by 3.8 meter high) to Northrop Grumman, a US military defense contractor, for nitriding submarine gears.



Horizontal Line

Expands product portfolio with horizontal furnaces for medium-high volume parts. First installation for nitriding turbocharger inserts in operation at Cimos Group Serbia.



Recognitions

Nitrex honored with various awards: The Profit 500: Canada's Fastest Growing Companies (1998, 1999), 50 Best Managed Private Companies in Canada (1999, 2000, 2001).



Award

Nitrex system at General Electric Co. in Lynn, MA, USA is acknowledged with Massachusetts Governor's Award for Outstanding Achievement in Toxics Use Reduction. Ammonia consumption in the plant reduced by 98%.



Diversification

Diversifies business, enters the process control and automation market with purchase of Process-Electronic GmbH (DE, FR). Expands Nitreg® brand of technologies with Nitreg®-S process for stainless steels. Expands portfolio with continuous system for high volume parts processing.



New Manufacturing Plant

Opens new manufacturing facility in Poland to help fulfill growing demand.



Recognition

President Michel Korwin inducted 1st Honoree of the Heat Treatment Forum Hall of Excellence Poland (www.heat-treatment-forum.pl).



UPC Grows

Continues acquisition initiatives for process controls business, adds Atmosphere Engineering to United Process Controls brands



2007

2008

2012

2014

2015

2017

Acquisitions

Grows process control business further, acquires US companies FCC, MMI, and Waukee. Co-authors new world standard 'ASM 2759/12 Gaseous Nitrocarburizing'.

Michel Korwin recognized as '25 Most Influential People in the North American Heat-Treating Industry' (www.themonty.com, 2007, 2009)

UPC Is Born

Unifies three US companies and unveils new company, United Process Controls, and plans to become world's top supplier of process controls and automation solutions.



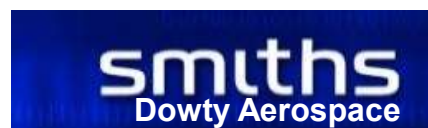
New Investment

Canadian equity firm Novacap acquires a major stake in Nitrex. Partnership will accelerate future growth, operational enhancements, and more investments in R&D and key regions. President Michel Korwin awarded Poland's Gold Cross of Merit (Highest civilian recognition in time of peace).





Hindustan Aeronautics Limited



Hochelaga Landing Gear Division



BOMBARDIER



STANADYNE®



SACHS

EATON



DAIMLERCHRYSLER



Perkins



Rexroth
Bosch Group

DEMAG



FEDERAL MOGUL

DANIELI

FLENDER

TOYOTA



MAHLE

GETRAG

CATERPILLAR®



Allison
Transmission

UNITED GEAR & ASSEMBLY, INC.

NORTHROP GRUMMAN

FAG





Bodycote

ASSAB

HARDCHROME ENGINEERING

AUSTRALIA

Combustol
Metalpó

BRAZIL

Heat Treatments Ltd.
NEW ZEALAND

GRUPO T.T.T.

SPAIN

BYBORIID
PYRODUR

SWITZERLAND

Gruppe
HEAT

GERMANY

THERMI-LYN
Groupe

FRANCE

TAMÇELİK

TURKEY



Asahi Heat Treatment

Japan

HH

Hauck-Gruppe

GERMANY

Schwäbische Härtetechnik
Ulm GmbH & Co KG
SHU

GERMANY

T.T.N. S.p.A.

ITALY

SHT

KOREA

P H

SOUTH AFRICA

PETERS'
HEAT TREATING, INC.

USA



BRADDOCK
METALLURGICAL

USA

ET

USA

East Carolina
Metal Treating,
Inc.
Raleigh, North Carolina

USA

LARK HEAT TREATING

USA

TREAT ALL METALS INC.

USA

PAULO

USA

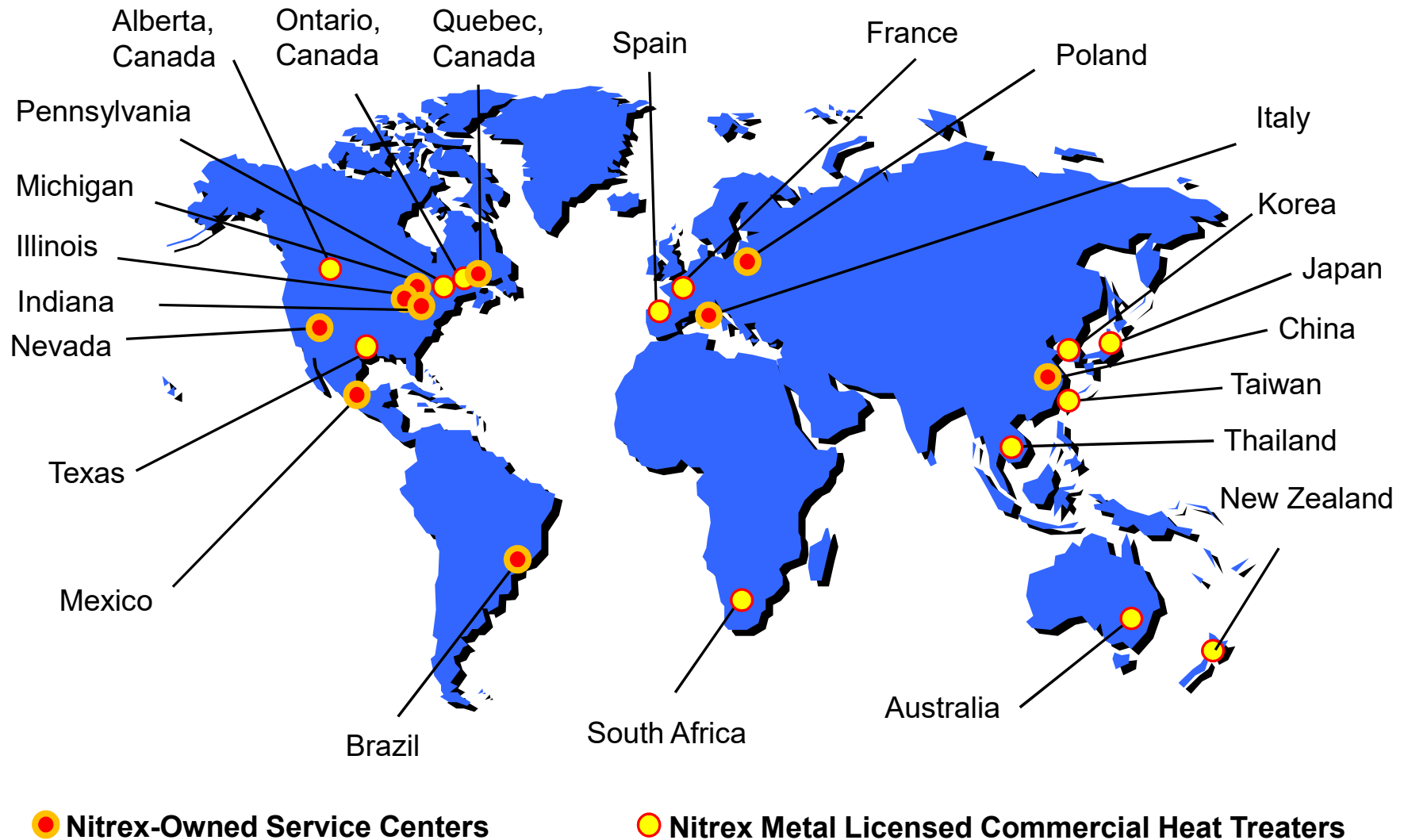


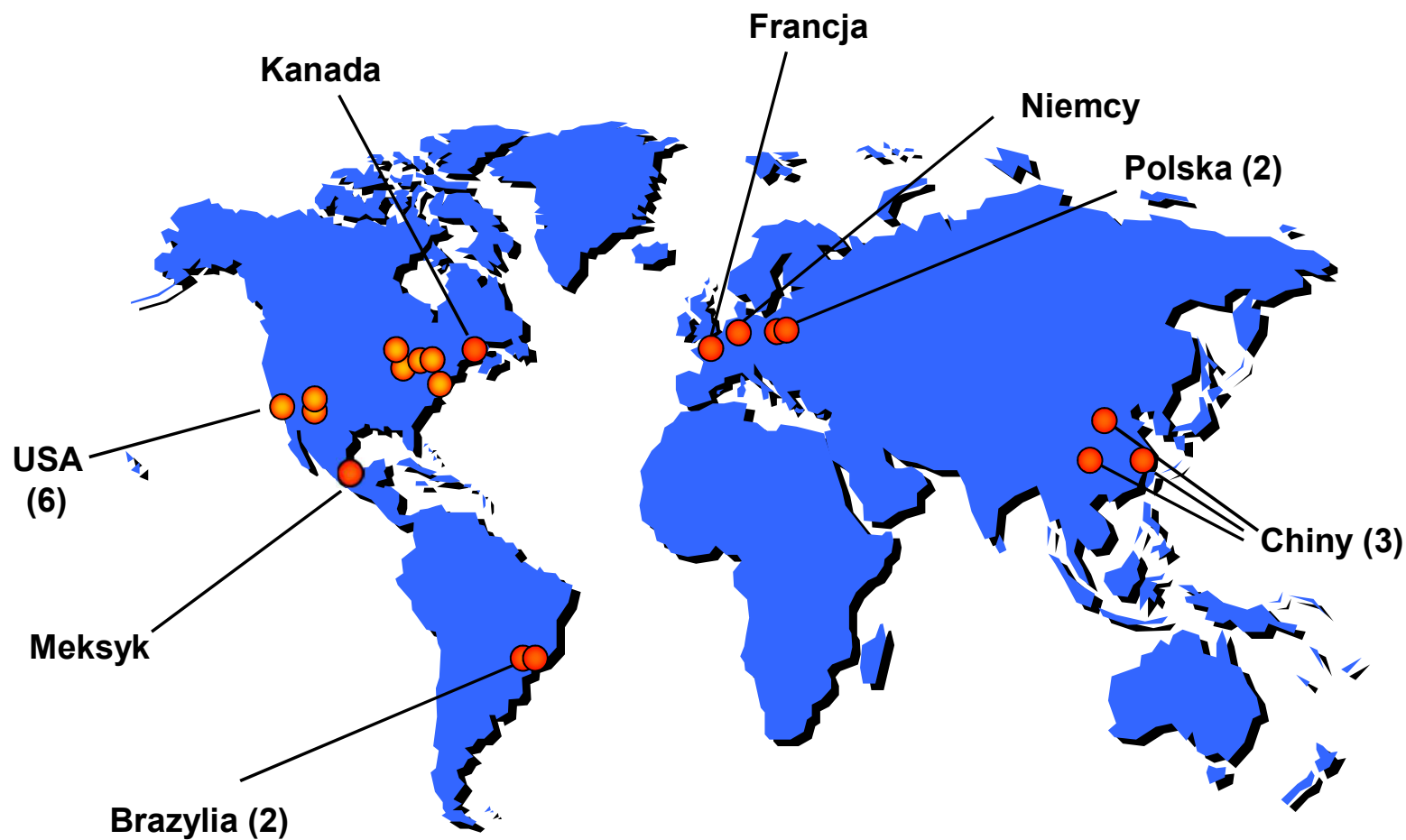
Texas
Heat Treating

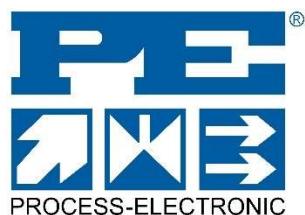
USA

NMT

CANADA





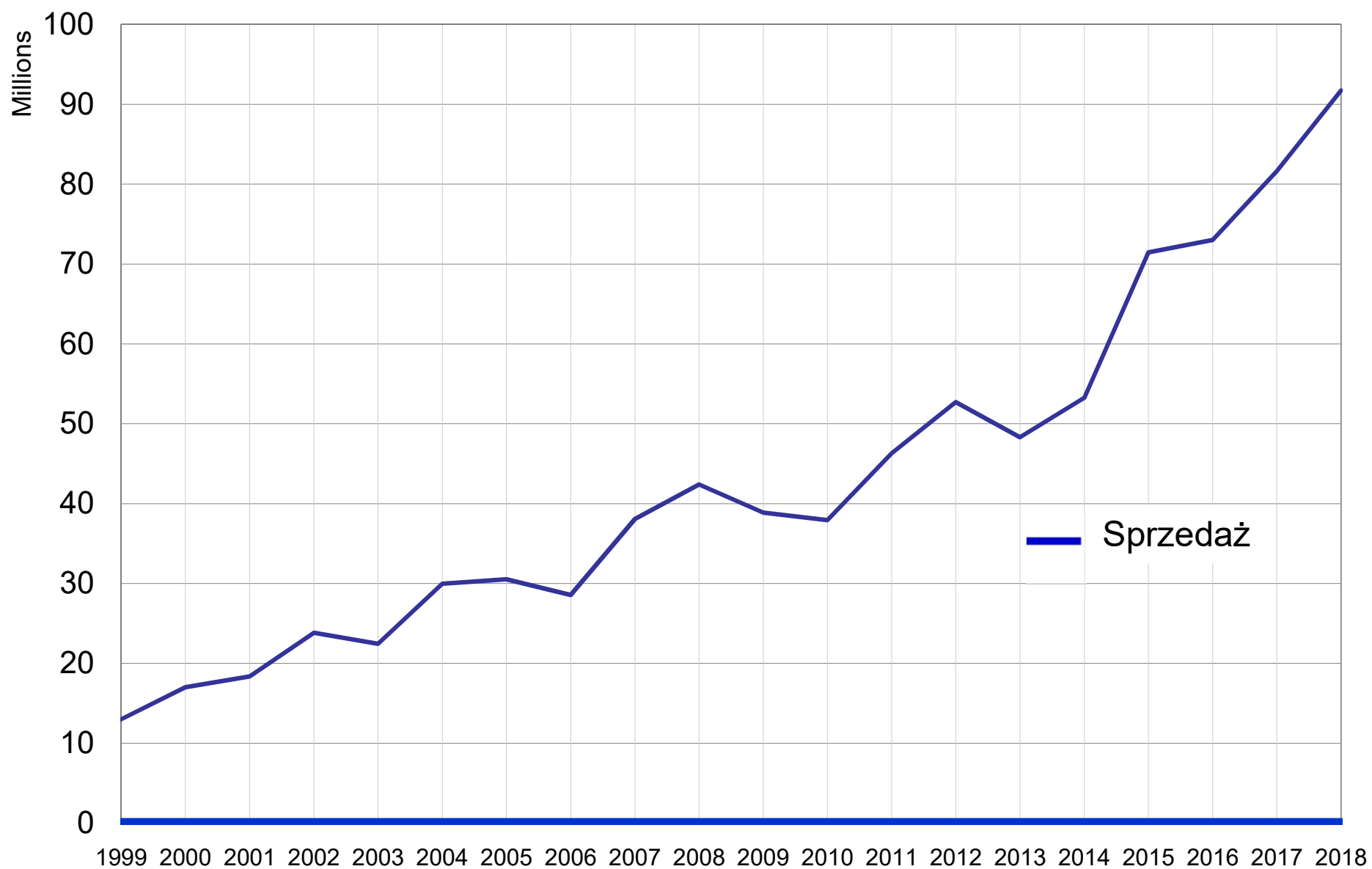


**Process-Electronic Polska
i Nitrex Metal Sp. z o.o.**



Nitrex Metal Sp. z o.o. (Poland)





**Założenie firmy
to nie sposób
na zrobienie majątku,
to sposób
na życie
i
realizację
swoich pasji**

