



Company Presentation Nynomic AG

26. MKK – Münchner Kapitalmarkt Konferenz December 11, 2018



- Company Profile
- Group Structure
- Finance KPI's
- Products, Technologies & Markets
- Conclusion and Outlook
- Market and Growth
- Share







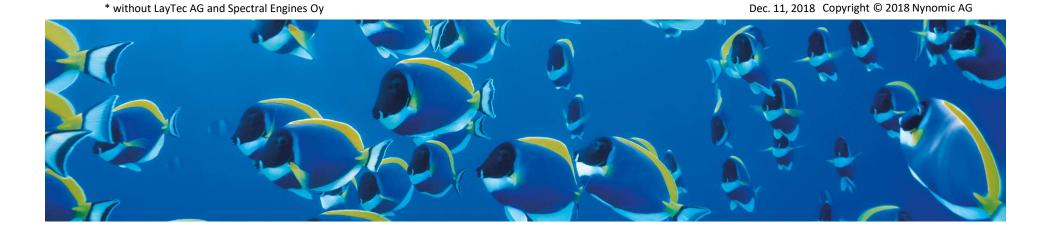
^{*} Revenue without LayTec AG and Spectral Engines Oy



Key Facts – Nynomic AG

- Headquarters in Wedel; Northern Germany near Hamburg
- Strategic Financial Holding
- Management Board
 Maik Müller
 Fabian Peters
- Stock listed since 2007 / 5,070,000 shares

- WKN A0MSN1
- Approx. 350 employees; thereof about 30% engineers
- 60.7 Mio. EUR revenue in 2017*
- 9.1 Mio. EUR EBIT in 2017*
- www.nynomic.com



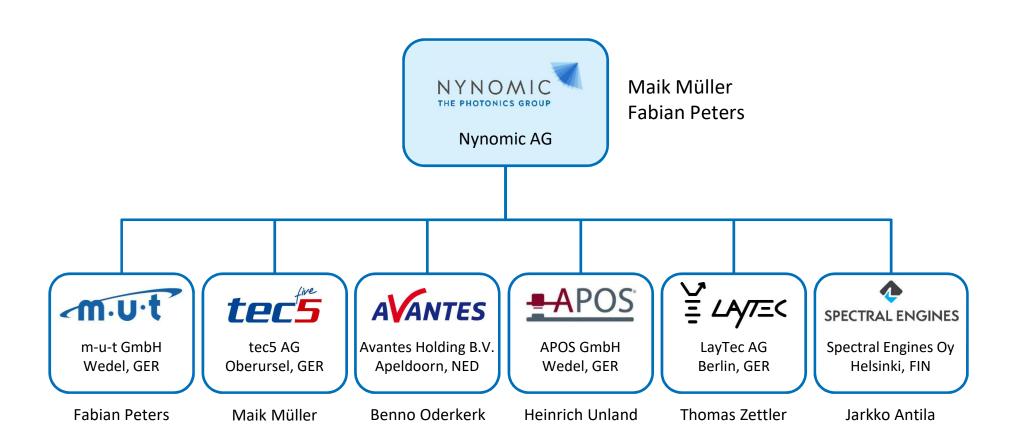


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Powerful Brands within the Group

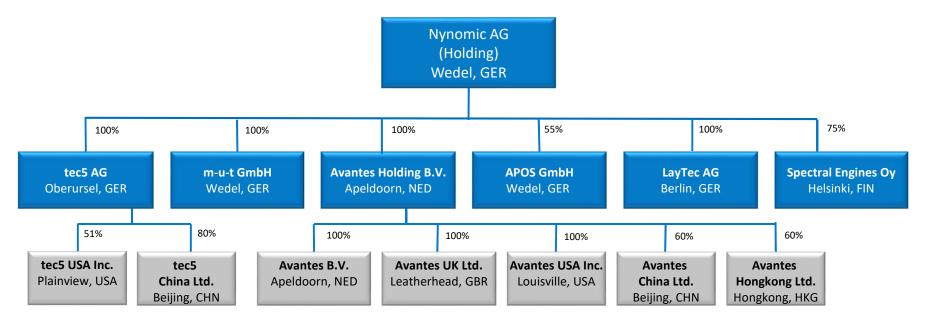




Structure – Nynomic AG

The set-up of the corporate structure as well as the reduction in minority interests are constantly brought into focus and pushed forward

- Renaming from m-u-t AG to Nynomic AG in August 2018
- Acquisition of Spectral Engines Oy in May 2018
- The share in Avantes Holding B.V. increased by 25.04% to 100.0% in Q1 2018
- Acquisition of LayTec AG in November 2017





Spectral Engines – Key Facts

Spectral Engines significantly extends the product portfolio of the Nynomic group with disruptive technologies which have recently taken the threshold to be ready to market. Nynomic can now address markets and applications which haven't been reachable so far.



It makes sense.

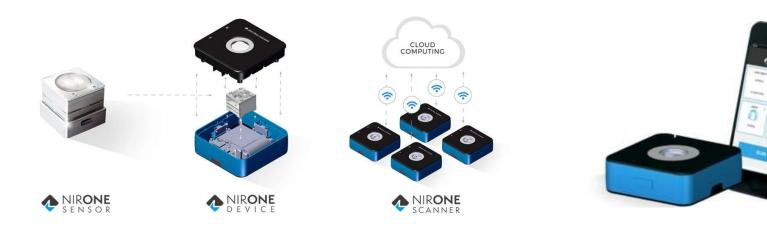
- Development and production of miniaturized spectral sensors for mobile and stationary applications
- Cloud-based data processing with machine learning (AI)
- www.spectralengines.com

- Headquarters in Helsinki; Finland
- CEO: Jarkko Antila
- Approx. 20 employees; thereof about 70% engineers
- Expected revenue in 2018: 1.5 Mio. EUR



Spectral Engines - Highlights

- Spectral Engines' core technology are advanced MEMS-based spectral sensors, which have been developed as a disruptive approach to miniaturized and cost-effective material sensing applications.
- In 2017 the spectral sensors reached serial status; added with a powerful, high-innovative platform for cloud-based data processing and machine learning algorithms.
- Spectral Engines is now in the position to develop mobile solutions with appropriative Apps for a wide range of mobile applications; this opens the way to offer this prospective on a rental basis or "pay per use" even to end customers.





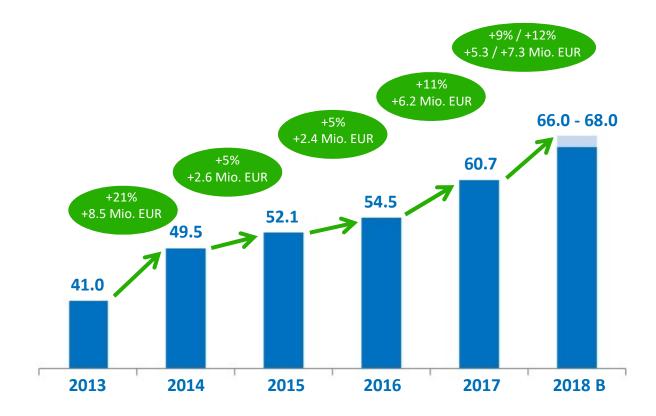
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Finance KPI's - Revenue

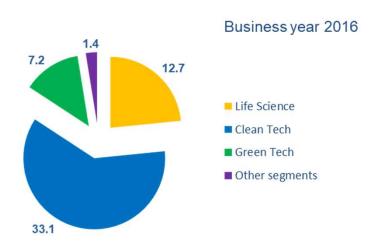
Increase in revenue to another new record of 60.7 Mio. EUR in 2017

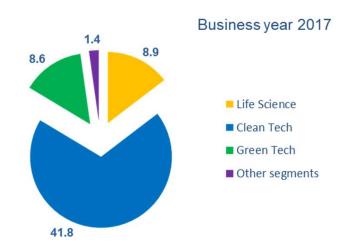




Finance KPI's – Revenue by segment

In 2017 increase of revenue in segment Clean Tech and Green Tech

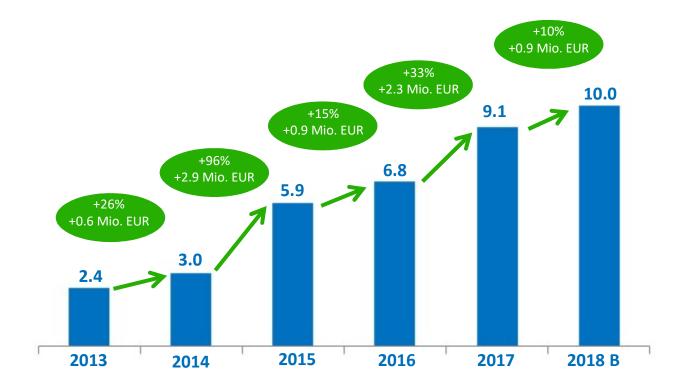






Finance KPI's - EBIT

Not only sales, but also operating income has increased to a new record in 2017





Finance KPI's – Overview

Strong increase in all Finance KPI's confirms again the right strategic direction

P&L

Financial Figures	2014	2015	2016	2017	FC 2018	+/-
Revenue	49.5	52.1	54.5	60.7	66.0-68.0	+9%/+12%
EBIT	3.0	5.9	6.8	9.1	10.0	+10%

Balance Sheet

Financial Figures	2014	2015	2016	2017	HY 2018	+/-
Equity	6.8	10.9	13.6	16.7	20.6	+23%
Equity ratio	28%	42%	48%	34%	33%	-3%
Total assets	24.1	26.2	28.7	49.1	61.9	+26%
Cash	6.4	8.3	10.6	19.6	14.8	-24%
Liabilities to banks	8.5	6.2	5.3	3.7	22.1	+497%



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The Reach of the Nynomic Group Portfolio

		Industrial, low-volume, high price	Industrial and pro handheld, mid-volume, mid price	Prosumer and consumer, high-volume, low price
Value Creation / Level of Integration	Solutions	efficient photonic solutions APOS EAPOS Knowledge is key	efficient photonic solutions SPECTRAL ENGINES	SPECTRAL ENGINES
	Systems	technology for Spectroscopy	Technology for Spectroscopy SPECTRAL ENGINES	SPECTRAL ENGINES
	Components	AVANTES enlightening spectroscopy	AVANTES enlightening spectroscopy SPECTRAL ENGINES	SPECTRAL ENGINES



Markets - Semiconductor

Clean Tech

Production Control of Integrated Circuits, LEDs and Displays



- Highest requirements to measurement rate (high speed) and signal quality
- High availability 24/7
- Copy exact philosophy any measurement system has to be exactly equal, down to



Markets – Agriculture / Farming

Green Tech

Measurement Systems for Precision Farming

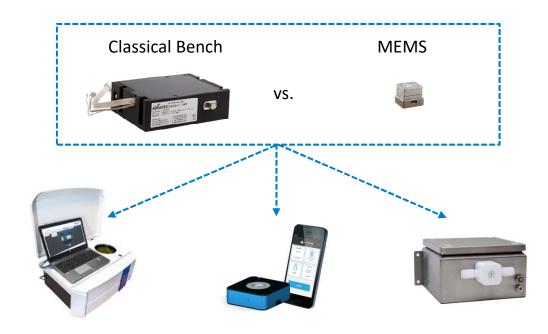


- Analysis of vegetation for selective nitrogen fertilization
- Online calculation of the optimum amount of fertilizer
- Analysis of slurry content during output
- Sorting of vegetables and fruits



Markets – Smart Sensors

Industrial, pro handheld to consumer / mid volume to high volume / mid price to low price



- Smart sensors for a wide field of applications
- Based on classical bench design or miniaturized MEMS spectral sensors
- Sophisticated embedded software platform with wide range of data calculation (cloud, AI) and communication capabilities

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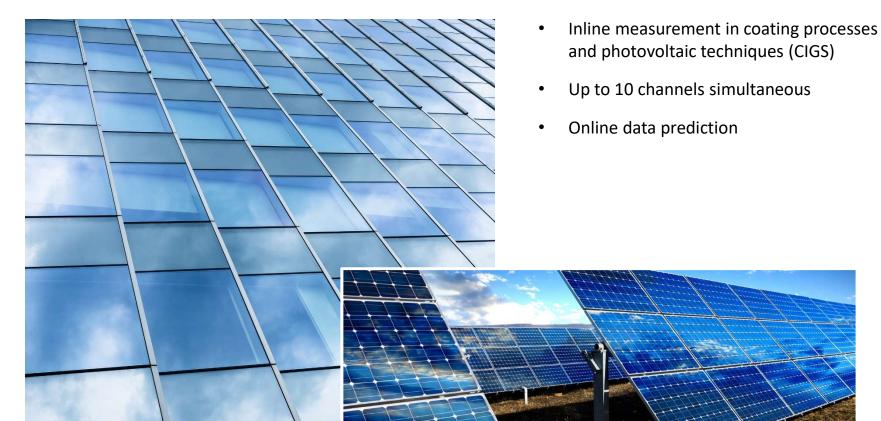




Markets – Coating and Photovoltaic

Clean Tech

Production Control of Coating Techniques





Markets – Industrial Processes

Clean Tech

Production and Quality Control – Industry 4.0



- Inline control of process parameters in rough environments with 24/7
- Integrated data processing
- Process communication direct with PCS (process control system)





Markets – Medical and Diagnostics

Life Science

Point-of-Care - Measurement in Blood



- Diagnostics in tubes or in-situ in blood vessels – many parameters are measurable
- Point-of-Care and patient monitoring trends in health care
- Online measurement (quantitative and qualitative) with spectroscopy or photonics

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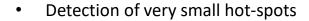
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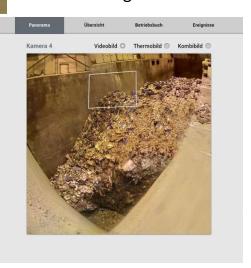
Markets – Fire Detection

Clean Tech

Insurance Protection needs Fire Detection



- Big heat sources allowed (e.g. wheel loader) stationary or moving
- 24/7 in rough environments (e.g. waste sites)
- Integrated visual camera for plant operator
- Integrated distance measurement to guide fire fighting and water cannon





Markets – Wood Processing Industry

Clean Tech

Incoming Goods inspection, production optimization applications



- Online / Atline Analysis during material reception for quality monitoring and more in real time – pay by quality
- Online measurement of wood in panel-/ OSB / particle board Production – save costs, achieve higher output
- Biomass Power Plant optimisation: calorific value driven combustion management – higher output
- Monitoring and optimisation of various industrial drying processes – save energy



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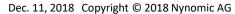




Outlook – Technology

We are experts in non-destructive optical measurement!

- High-precision dissection, measurement and processing of light
- Spectroscopy and photometry UV / VIS / NIR / RAMAN / LIBS
- Analysis and mathematical processing with complex algorithms
- Easy to use for the end customer: "Smart Sensors"
- Process communication, combined with additional challenging technologies, e.g. handling systems
- Integration in machines, plants and vehicles scalable, robust, long-lasting and reliable







Outlook – Markets & Applications

What will be the challenges in the future?

- Point of Measurement / Sensor to the Spot Integration in machines, plants, devices
- Environmental Protection Management of resources & regulatory
- Industry 4.0 From quality monitoring to production control
- Population Growth Best usage of our natural resources
- Health Point-of-Care diagnostics
- Consumer Applications Miniaturization



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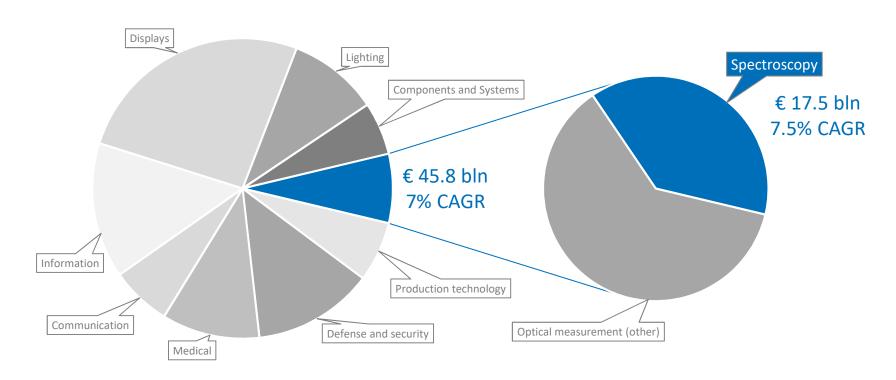
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Within the photonics-market, Nynomic is focusing on the market of spectroscopy

Photonics 2020: € 615 billion, CAGR thru 2025: 6-8%

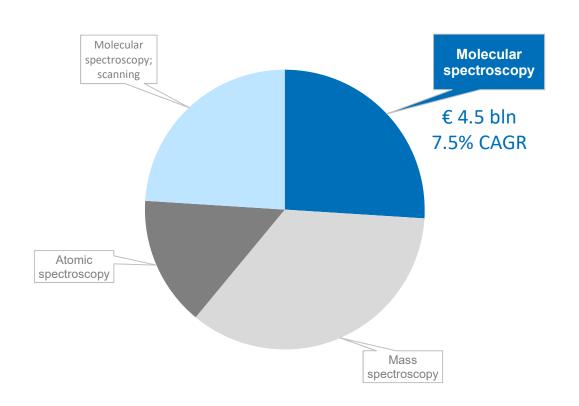




Within spectroscopy, Nynomic concentrates on a large part of molecular spectroscopy

Spectroscopy

2020: € 17.5 billion, CAGR thru 2025: 7.5%



Grand View Research:
"Continuous adoption of
spectroscopic techniques in
the pharmaceutical and food
& agriculture sectors, rising
awareness of quality food &
drugs, and various rules and
regulations being imposed by
governments and related
organizations are among the
key trends stimulating market
growth."



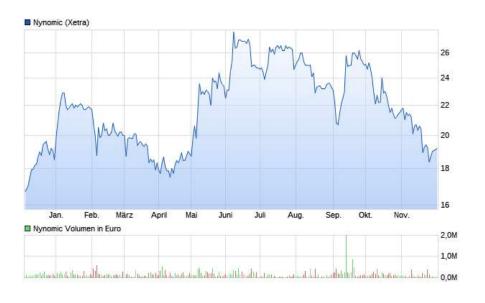
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Share – Nynomic AG

The Nynomic AG share price shows a significant uptrend



- Listed in Stock Index "Scale 30" as one of the most liquid companies in the Scale Segment
- The Nynomic AG share price has established a sustained presence and the performance is considerably stronger than the Index





Thank you!



Disclaimer

This document includes forward looking statements on Nynomic AG, its subsidiaries and associates, and on the economic and political conditions that may influence the business performance of Nynomic AG.

All these statements are based on assumptions made by the Executive Board using information available to it at the time.

Should these assumptions prove to be wholly or partly incorrect, or should further risks arise, actual business performance may differ from that expected.

The Executive Management Board therefore cannot assume any liability for the statements made.





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