





Peter Back

Since 2005 with GPV, VP Corporate Development

25 years EMS experience

Background in Industrial Engineering, Operations, Business/Sales and Corporate Development.

Lives in Sweden





Thomas Kaiser

EVP Sales & Procurement

30+ years in electronics

Since 2005 in EMS

Previous Leadership experience in global Distribution and Electronic Component Development (EMC) and Manufacturing



Warm welcome to

149 guests from 24 countries, Representing 44% of our purchasing basket







One. New. Leader.

HOW TO RIDE THE NEXT WAVES OF UNCERTAINTY

Real value creation in a saturated EMS market - GPV services beyond expectations

As one of the leading and top of mind EMS players in the global industrial markets, we create value for our customers. #TWOgether with us they underline their strong position in their particular environment.

Our value creation is as strong as YOU support us

Agenda:

- One. New. Leader.
- Technology services
- Supplier Partner Program
- Supply chain collaboration model
- #Twogether

Sustainability and total cost of ownership, conflict yes or no?

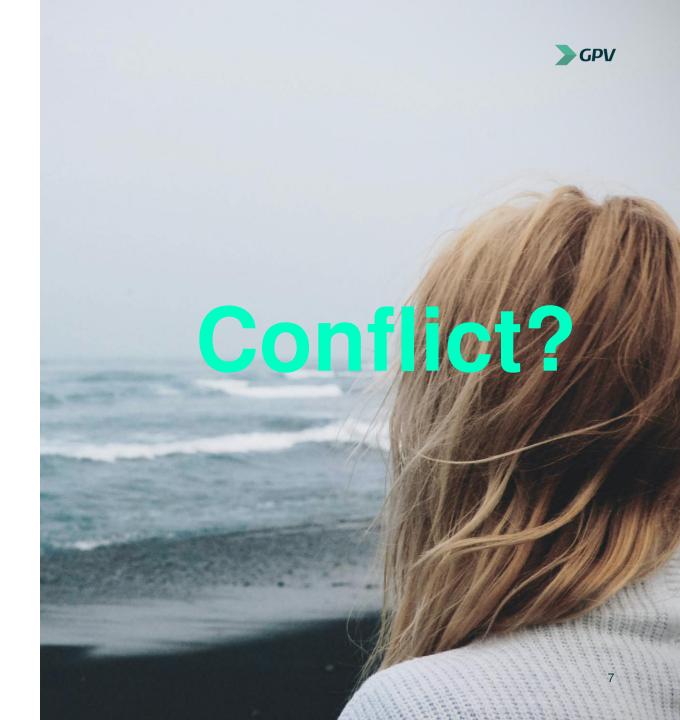
Global climate improvement is on top of all our minds.

As a company we have to contribute the utmost within the entire ESG elements to make our environment a better one.

Agenda:

- One. New. Leader.
- Sustainability
- Globalisation vs Regionalisation
- Supplier Partner Program

LET'S TALK



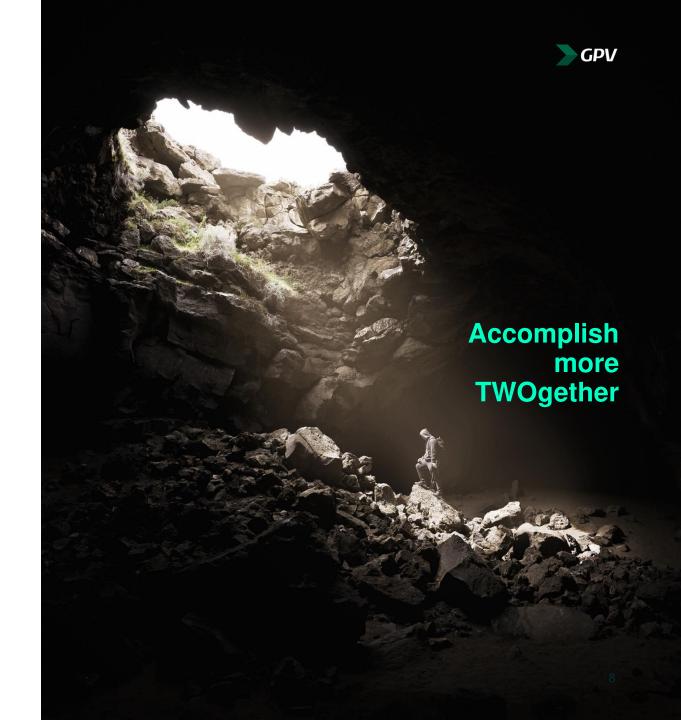
Improving Supply situation – a light in the tunnel or only a step to the next challenge?

Markets are softening, material availability is improving, but what effects will we see from the semicon mergers and Portfolio clean ups on legacy products? And what are the predictions to the «New Normal»?

Agenda:

Panel discussion with members from the entire value chain

LET'S TALK







Resilience is a key factor to manage dynamic market conditions

The pandemic has heavily impacted the entire supply chain and has left deep scratches which will last for the next couple of years. What's next on the crisis map and how to prepare best for?

Agenda:

- One. New. Leader.
- Globalisation vs Regionalisation, Risk Management
- > Application Design Services
- Panel discussion







Bo Lybæk

Since 2008 CEO, GPV

25+ years international experience

Lived and worked eight years in Switzerland

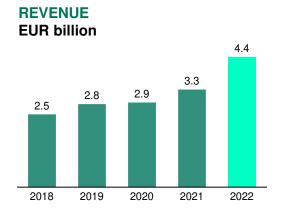
Deputy chairman for the board of the Danish ICT and Electronics Federation (DI Digital)

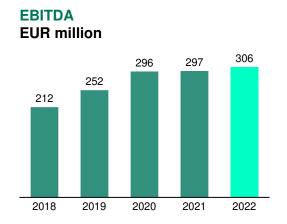




Schouw & Co. is a financially strong majority owner

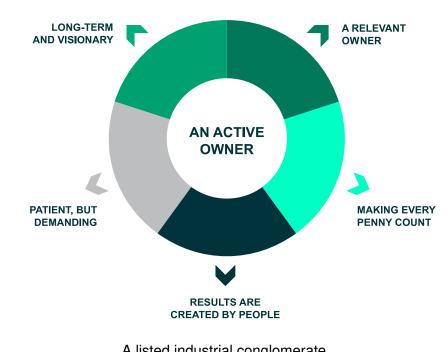
ANOTHER RECORD YEAR 2021





BUILDING THE PORTFOLIO

Schouw & Co. is a responsible long-term owner enabling growth through transformation. We build the companies of tomorrow by putting people first.



A listed industrial conglomerate ~50% of shares controlled by one family

THE BUSINESSES



#3 in the world within quality feed for industrialised fish farming



#6 in the world within spunbond for the hygiene industry



Leading in Europe within specialised industrial and automotive nonwovens



#2 in Europe within EMS electronics, mechatronics and box-build



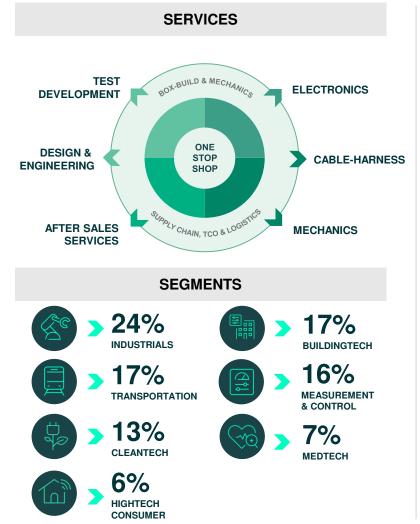
Leading in Europe within hydraulic solutions and components



#1 in Europe within remanufacturing of automotive spare parts



About GPV





Switzerland

HIGH MIX FOCUS

220,000



served

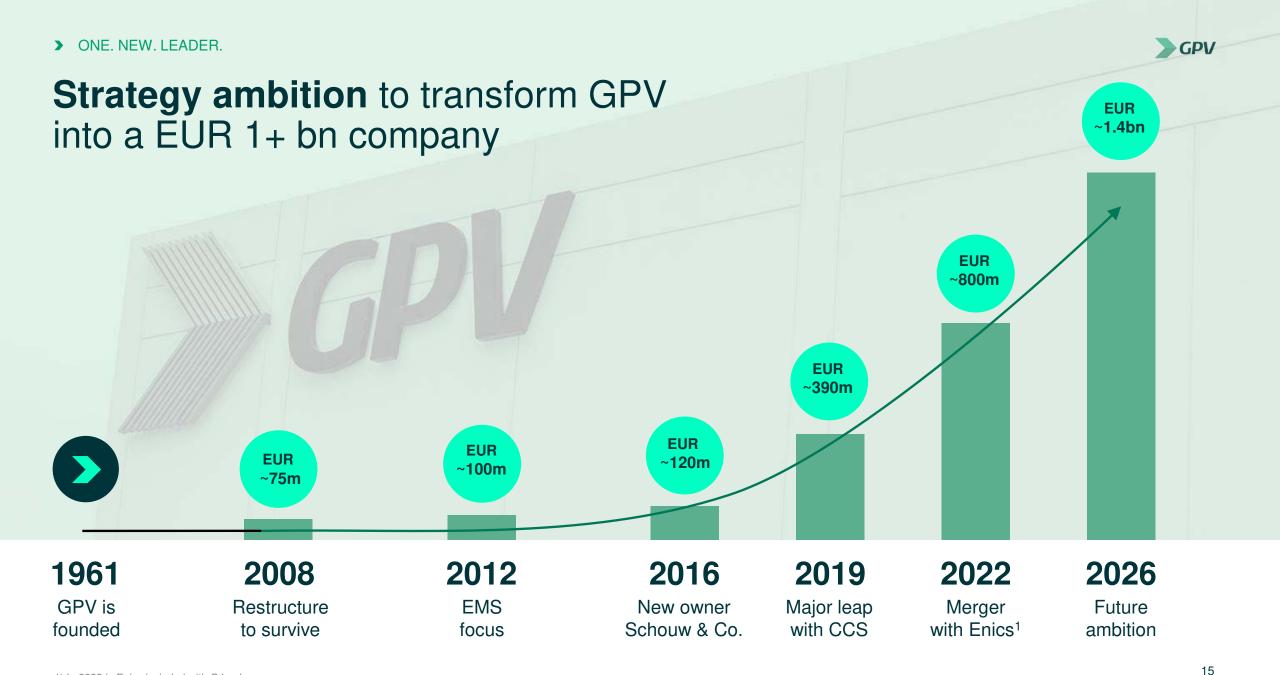


million products countries delivered

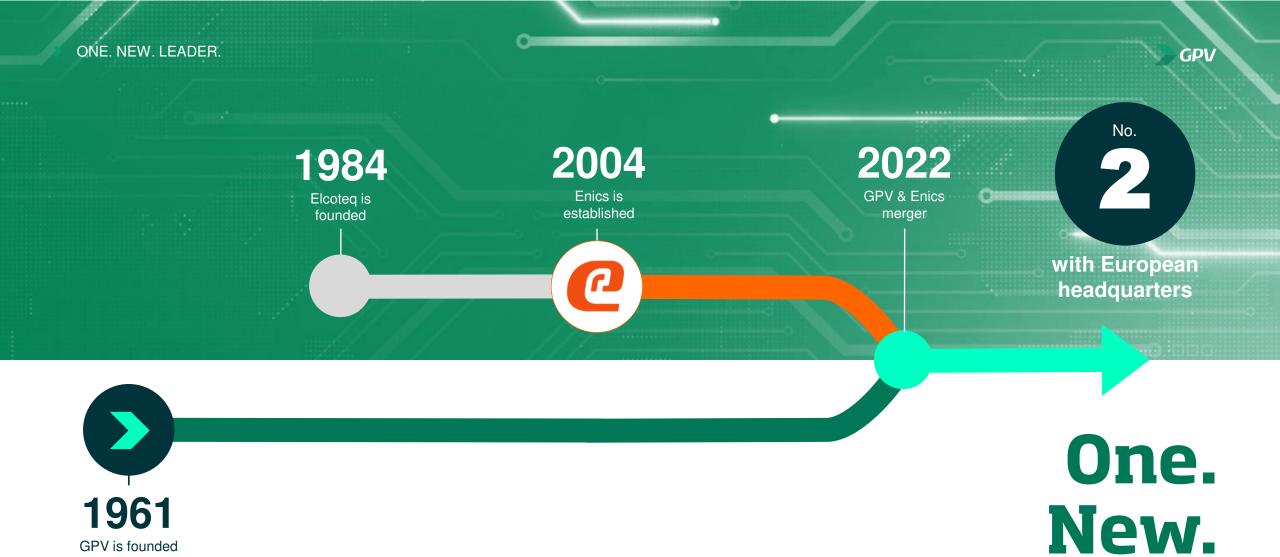
22,400 different active products EMS player in Europe

of products less than 24 months old





1) In 2022 is Enics included with Q4 only



Leader.



One. New. Leader.

One Company

- Aligned marked approach
- Harmonised way of working
- United as one family

New for all. Potential for all

- Open-minded and respectful
- Stay curious to understand each other
- Create common future, based on history

Leading the EMS industry – leading people

- No. 2 in Europe. No. 1 in leadership
- Leading responsible business
- Global approach with local accountability



Where are we now?



- Prompt merger in the market
- Process on common 2023 organisation



- Step-by-step back office and operational integration
- Nine defined workstreams are progressing well



- We are operating as one the market
- ➤ First joint appearance was at Electronica 2022



- Being a EUR 1+ bn company is new for all
- We are still in the process of becoming
 One. New. Leader. together





















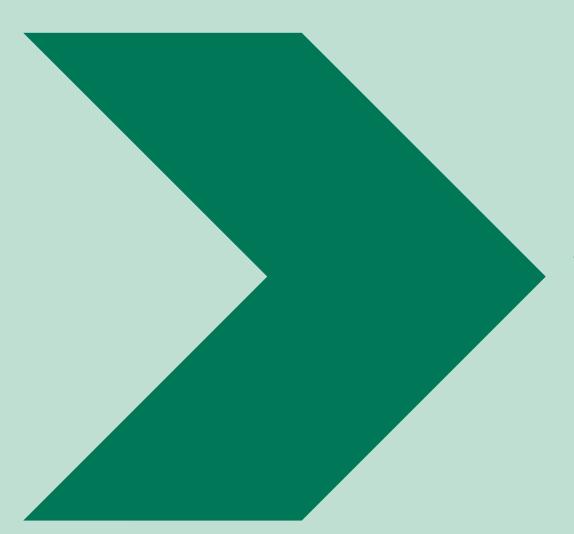








Accessibility



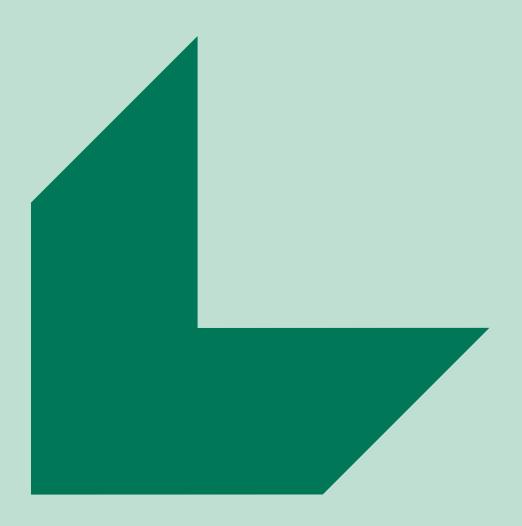
Accomplish **more**

Easy to do business with



Easy to do business with

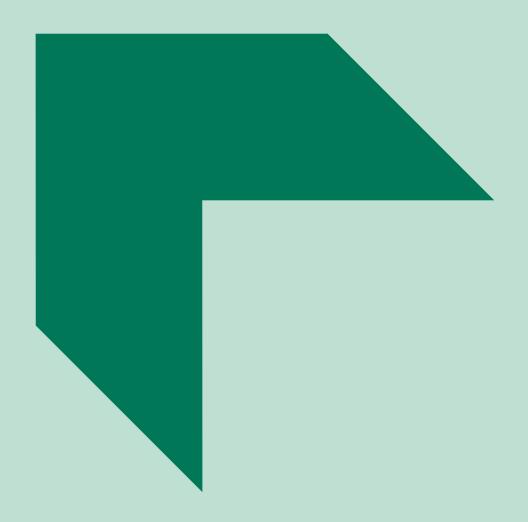
- Ambition: Bigger, but better
- Competent still pragmatic operations are key to success
- Always focus on serving our customers





Accessibility

- We want to be closeon all levels within GPV
- Access to knowledge, sparring and support
- > Before, during and after





Results are created by people

- People are our foundation
- They are essential to our performance
- Trust and innovative thinking allows us to keep improving





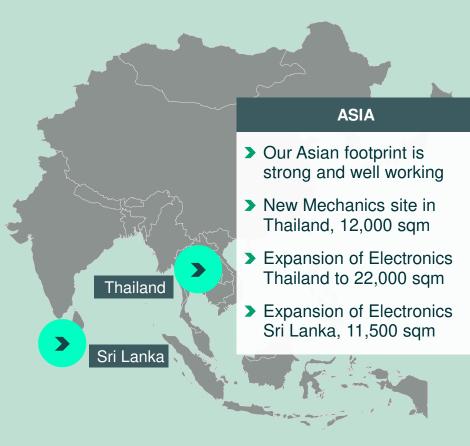


We are looking at expansions in three regions

Region-for-Region thinking and movement to Americas









We invest to grow our company

Significant electronics investments in 2021 and 2022

52 & 66 SMT lines THT lines

13 new SMT lines & **18 THT lines** in 2021-1Q2023



3,800 km. cable harness

Cable harness produced in 2022



31
Milling & turning cells

8,700 tons steel & **115 tons copper** in 2022



147
Engineers & specialists

72 D&E projects & **378 test projects** in 2022



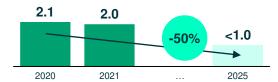


Sustainability as a cross-functional business enabler

OUR AMBITIONS

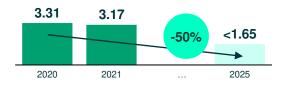
LTIR Ambition¹⁾

Lost Time Injuries per 1 mio. working hours



GHG Ambition²⁻³⁾

Tonnes CO₂e emission per DKKm sales



UN SDG





LTIR ambition

- Strong safety first ambition
- Increased safety awareness through floor mapping, safety campaigns and, near miss reporting

GHG ambition

- ➤ Solar cell systems to be installed, estimated contribution ~5,900 MWh, reduction of 29%⁴⁾
- Units in Europe pursue a common PPA⁵⁾ on green electricity
- ➤ Implement GHG Scope 3 before 2025

UN SDG

Goals 8 and 12 and sub elements selected

OUR ACTIONS

Schouw & Co. ESG Report



ecovadis



GPV Group

GPV GPV AE unit Slovakia Elec.

GPV GPV Thailand Switzerland

ESG Reporting

- ➤ Facts are key to document a responsible business approach
- Corporate Responsibility reporting for ten years and now supplemented by ESG measures
- Annual target settings & quarterly performance meetings for all sites

Framework, Standards & Ratings

- Sustainability rating frameworks to support trustworthiness
- Use of EcoVadis, where GPV Group and several sites awarded with silver rating
- GPV EcoVadis team and an impact driven roadmap

- 1) Reduce LTIR KPI by 52%, based on 2020 baseline
- 2) Reduce CO₂e emissions by 50% in relation to total sales, based on 2020 baseline
- 3) GHG: Includes Scope 1 (Natural Gas, Gas/Diesel & Liquified Petroleum Gasses), Scope 2 (Electricity & District Heat Consumption)
- 4) 28% reduction compared to 2021 tonnes eCO₂ emission per DKKm sales
- 5) Power Purchase Agreement (PPA)







Key take-aways

Summary of key points

- We grow our company to stay a relevant partner
- We strive to **be close** to you, and work to **be excellent**
- We believe **business is done between people**, we are ready
- Accomplish more







Sustainability seen from our owners perspective

PRESENTATION BY KASPER SCHMIDT, SENIOR SUSTAINABILITY & ESG MANAGER

13 FEBRUARY 2023





Kasper Schmidt

Senior Sustainability & ESG Manager, Schouw & Co. since May 2021

5+ years of experience as consultant within ESG and sustainability

Worked with ESG/Sustainability Strategy, ESG Reporting, GHG Accounting, change management, ESG communication

Certificates from Principles of Responsible Investment (PRI) and World Resource Institute (WRI)

Schouw & Co. at a glance

LONG HISTORY Founded in 1878 by Victor Schouw Packaging producer in 128 years Conglomerate in 33 years





Megatrends influencing sustainable development



CLIMATE CHANGE AND RESOURCE SCARCITY

By 2100 the average surface temperature could rise by up to **4.4°C** compared to the late 19th century, potentially causing crop failure and flooding and energy shortages,



RAPID URBANISATION

Two-thirds of the world's population will live in urban areas by 2050.

Causing issues with space, accommodation and infrastructure.



DEMOGRAPHIC SHIFTS

The population could increase by over

1 Billion by 2030, and in 55 countries a third of the population will be above 60 years by 2050. Potentially causing labour shortage and pressure on healthcare.



SHIFTING ECONOMIC POWER

Asia's population is growing, and the western population is declining, changing the global demo-graphic and economic purchasing power,



TECHNOLOGICAL BREAKTROUGH

Rapid development in AI, robotics and machine learning means that nearly two-thirds of all occupations could see many activities automated.

The foundation for sustainability at Schouw & Co. is the connection between the overall purpose and the work with ESG that addresses both footprint and handprint

Purpose

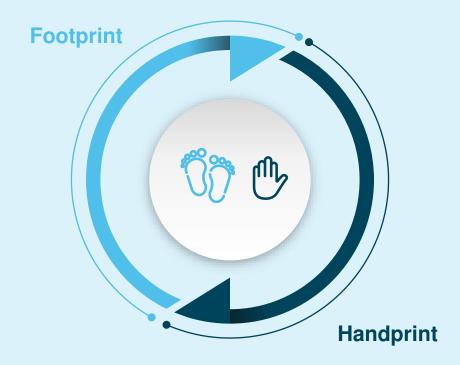
Purpose answers the question of why the company exists. What is its positive impact on the world?

ESG

ESG refers to the integration of environmental, social and governance issues into a company's purposeful activities



Limiting negative impact on environment, people and the economy



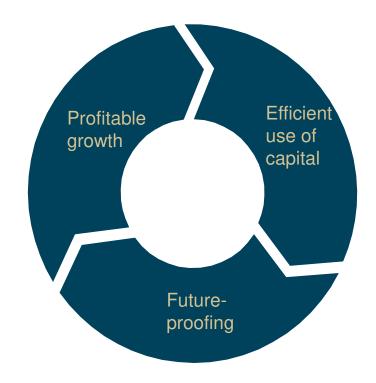


Amplifying the positive change that would not have happened otherwise

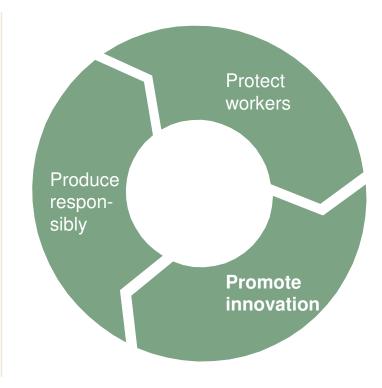
Strategic approach with basic principles for responsibility



ACTIVE OWNERSHIP



RESPONSIBILITY



ESG Ambitions for 2030

We have a well defined strategy for managing our impact with three focus areas and targets towards 2030

Produce responsibly

The companies of the Schouw & Co. Group are required to manufacture their products efficiently in terms of resource consumption and climate impact

- Reduce greenhouse gas emissions by 35% (Scope 1+2)
- Transition to 100% renewable electricity
- Calculate a baseline for scope 3 before 2025

Protect workers

All employees of the Schouw & Co. Group must be able to go to work and return home safely every day, no matter where in the world they are employed

- Achieve a high employee satisfaction across the Group
- Strengthen our diversity mindset
- Achieve a LTI frequency rate below 4 at group level

Promote innovation

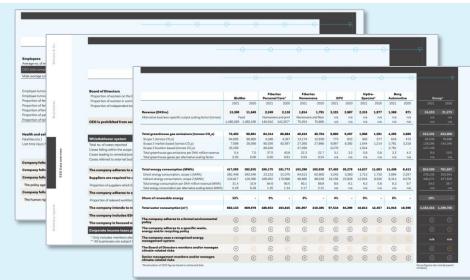
Our companies assume responsibility for ensuring strong governance and compliance, and they allocate resources for the development of sustainable solutions

- Improve governance procedures
- Invest in and facilitate innovation for sustainability
- Strengthen ESG reporting and taxonomy alignment



ESG Reporting is the foundation for gathering data and showcasing transparency





Roughly 30 ESG metrics from Lost Time Injury Frequency to GHG emissions that is reported on from each company in the annual Schouw & Co. ESG Report.

	5000	FIIII7		
Environmental (E)	Social (S)	Corporate Governance (G		
E1. GHG Emissions	S1. CEO Pay Ratio	G1. Board Diversity		
E2. Emissions Intensity	S2. Gender Pay Ratio	G2. Board Independence		
E3. Energy Usage	S3. Employee Turnover	G3. Incentivized Pay		
E4. Energy Intensity	S4. Gender Diversity	G4. Collective Bargaining		
E5. Energy Mix	S5. Temporary Worker Ratio	G5. Supplier Code of Conduct		
E6. Water Usage	S6. Non-Discrimination	G6. Ethics & Anti-Corruption		
E7. Environmental Operations	S7. Injury Rate	G7. Data Privacy		
E8. Climate Oversight / Board	S8. Global Health & Safety	G8. ESG Reporting		
9. Climate Oversight / Management	S9. Child & Forced Labor	G9. Disclosure Practices		
E10. Climate Risk Mitigation	S10. Human Rights	G10. External Assurance		

Top 3 ESG projects for Schouw & Co. and the portfolio companies in 2023

Addressing value chain emissions



Calculating and reducing value chain emissions (Scope 3) will be crucial and will require more collaboration across the value chain

Preparing for the new reporting paradigm



New EU-wide legislation (CSRD) and new reporting standard requires **much more** comprehensive ESG reporting for all large companies operating in EU

Sourcing renewable electricity



Engaging with Schneider Electric to investigate a **Power Purchase Agreement** to leverage large scale advantages on RE procurement

Compliance is constantly evolving thus to maximise value we need our companies to step up the ladder and capture opportunities to secure long term value creation

Transforming purpose

 creating value for business and the society via the business model

Sustainable Business Development

uncover new market opportunities

Branding

- make responsibility a part of the story telling and a key differentiator

Minimize risk

avoid cost and reputational risk by addressing expectations

Compliance

Comply with minimum legislation and avoid penalties





Panel discussion

PETER BACK WILL MODERATE THE PANEL DISCUSSION

13 FEBRUARY 2023



Prediction of 2023 – makro-mikro view within the electronics industry

Hitachi Energy

Nikolaus Gäbler Head Of Supply Chain Management Grid Automation

Texas Instruments

Roland Döerfler Head of Contract Manufacturing Business EMEA

Avnet

Harold Feather
VP Corporate Customer Management Avnet EMEA

GPV

Bo Lybaek CEO & President

GPV

Thomas Kaiser
EVP Sales & Procurement







Globalisation vs. Regionalisation

PRESENTATION BY MARTIN KJAERBO, EVP OPERATIONS

13 FEBRUARY 2023





Martin Kjærbo

Since 2001, EVP Operations

8+ years international experience as expatriate in Hungary and China

25+ years industrial experience in driving operational excellence and factories worldwide

Executive MBA from IMD Business School, Switzerland

B.Sc. Indust. Eng. from University of Southern Denmark

SGPV

Clear relation

Safety first!

between increased **Near Miss** registrations and drop **SAFETY** ➤ GPV placement on the Bradley Curve in Loss Time Injuries **PERFORMANCE** from Jan '22 > Near Miss observations increased > 50 % **INJURY RATE Our ESG** > LTIR is lowered by > 60% in 2022 target is to stay below 1.0 and we are well on our way! REACTIVE **DEPENDENT INDEPENDENT INTERDEPENDENT** STRONGER SAFETY CULTURE WEAKER SAFETY CULTURE **SAFETY CULTURE**

THE OPERATING SYSTEM

One Operating Model

Lean
Manufacturing
training,
Best Practice
sharing

- > Lean Manufacturing Forum
- Continuous improvement
- Six Sigma
- Q Circle
- > TPM/5S
- > SMED

IMPROVEMENT MANAGEMENT

CAPABILITY

- > Performance meetings
- > Improvement meetings
- > KPI Cockpit

PERFORMANCE MANAGEMENT

- Monthly finance meetings
- Weekly business follow-up

Site
Engagement
Meetings,
Performance
monitoring and
task force

SGPV

PROCESS STANDARDISATION

- > GPV Business System 2.0
- > Financial processes
- Sales processes
- > Program management

GBS 2.0 Project ongoing, aligning processes and ensure 'same look and feel'

Site expansion projects in Thailand & Sri Lanka, Footprint planning, Capacity transfers

- CAPEX long-term planning
- Space management
- > Site expansion plans
- Technology
- > Know-how

FLOW MANAGEMENT

- > S&OP
- Capacity planning
- Factory planning
- Detailed scheduling

S&OP (Perito) MES (FactoryLogix & SAP ME)



Regional actions we are taking

ASIA

- Request for moving products to Best Cost Europe
- Driven by Supply Chain disturbance, ESG agenda and response to China lockdown
- Capacity/Equipment being transferred to Best Cost European sites
- Strong footprint and ongoing factory expansion (Mechanics and Electronics) in Thailand and Sri Lanka









Regional actions we are taking

BEST COST EUROPE

- Strong demand for further increase in Best Cost European capacity
- Capacity increase through transfer of production equipment and new investments
- Investigation ongoing on Footprint expansion in Slovakia







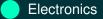


Regional actions we are taking

PROXIMITY

- Strong presence in Nordics and DACH regions enabling customer closeness
- Local accessibility to Sites
- Global access into the GPV network
- Further increasing capacity in Sweden and Finland













Regional actions we are taking



AMERICAS

- Request for global production network and need for manufacturing and supply in **Americas**
- > Expansion of GPV site in Mexico in order to meet customer needs

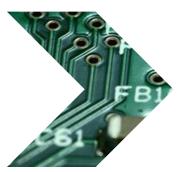












GPV Supply Chain The cooperation model

PRESENTATION BY JAROSLAV KUZILEK, DIRECTOR GLOBAL SOURCING
FEBRUARY 13, 2023





Jaroslav Kuzilek

Since 2020 Group Sourcing Director, GPV (AEAM unit)

Based in Hlohovec office, Slovakia

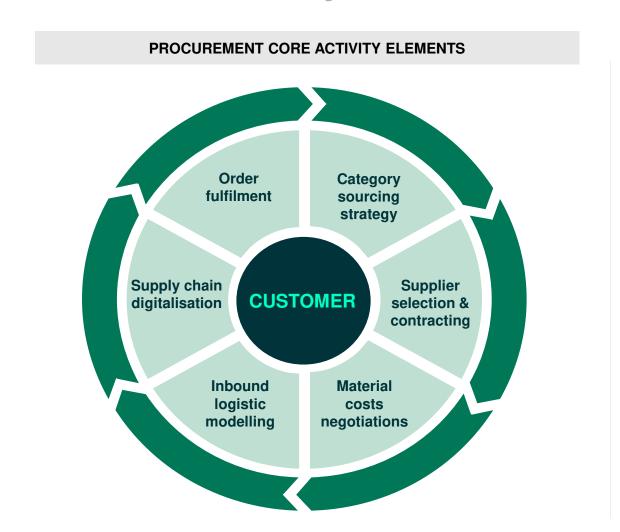
15+ years procurement experience mostly in EMS

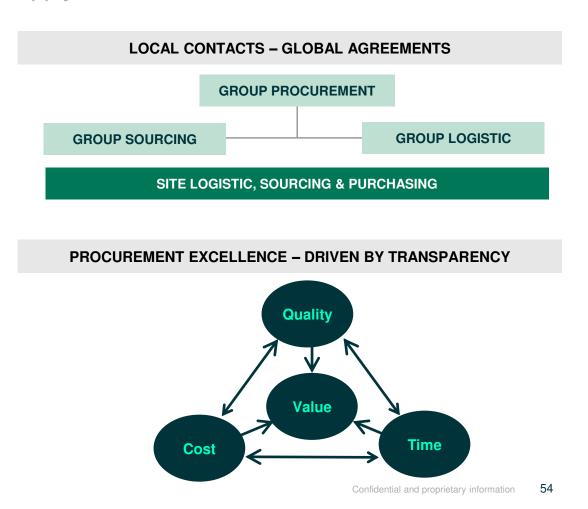
Lived and worked 8 years in Asia



GPV Procurement

Customer satisfaction through effective communication in supply chain





Major criteria of a good collaboration

Expectation to navigate through the very dynamic supply chain

Short term
expectations
is to cover our
biggest pain

points

Mid-term
expectations
are defined in
GPV Preferred
Partner
Programme

Plexibility
NC/NR, Demand adjustments

Pom Risk mitigation

Competitiveness
Size matters





GPV procurement journey

What happened and what next to be expected

Deliverables / Milestones	OCT 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23
Purchase data analyses and interpretation							
Electronica							
Terms and conditions alignment							
Let's talk event							
Group RFQ (Price List Agreements)							
New procurement organisation announced							
Business reviews							





GPV your Technology Partner

PRESENTATION BY FELIX TOBLER, HEAD OF GLOBAL DESIGN & ENGINEERING FEBRUARY 13, 2023





Felix Tobler

Since 2014 Head of Global Engineering, GPV

40+ years experience in electronics

Knowledge in hardware, embedded software and system design

Since 1995 experience with leadership of engineering teams



About GPV Design & Engineering

DESIGN & ENGINEERING SERVICES













Obsolescent management





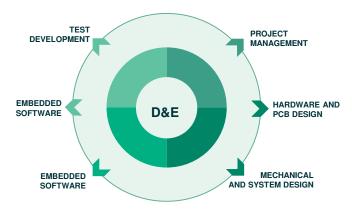
Fast prototyping service





Validation and certification

DESIGN & ENGINEERING DISCIPLINES



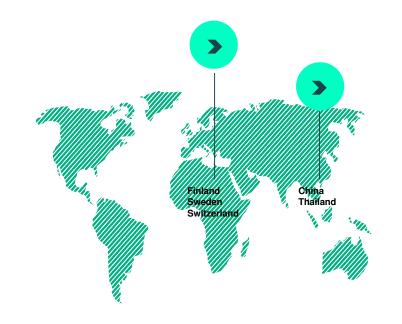
NUMBER OF ENGINEERS

NUMBER OF ENGINEERS

Distributed on all GPV sites

PRODUCT DESIGN ENGENIEERS

GPV ENGINEERING SITES



ENGINEERING ACTIVITIES

18,700 [**≡**]



Design changes w/o PCB modification

Design changes with PCB

Test applications built







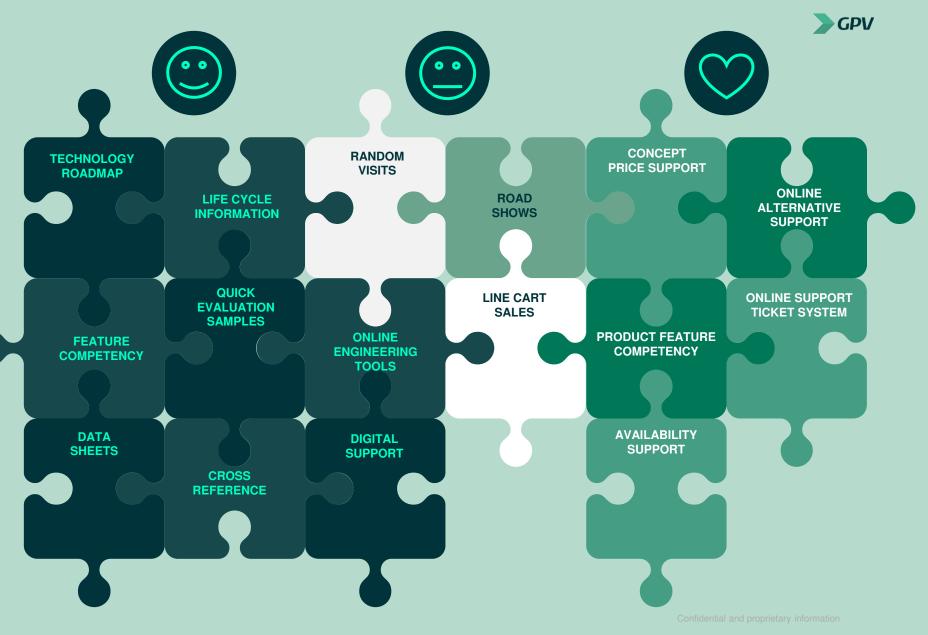


Why is time to market so important



Where can you save the most money by focusing on the right design KPIs?

Influence of R&D KPI to EBITDA





Partnership melts business twogether

Thank you very much for your time, your engagement, and your trust into GPV.

- Accomplish more by further talks
- Reception is open and let's continue

