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# Increasing capacity for the Tripp Trapp® High Chair & Modernizing the infrastructure

SC SORTILEMN SA Gherla



# Brief introduction for the project

A comprehensive initiative launched by SORTILEMN SA to enhance production capacity, upgrade infrastructure, and promote sustainability.

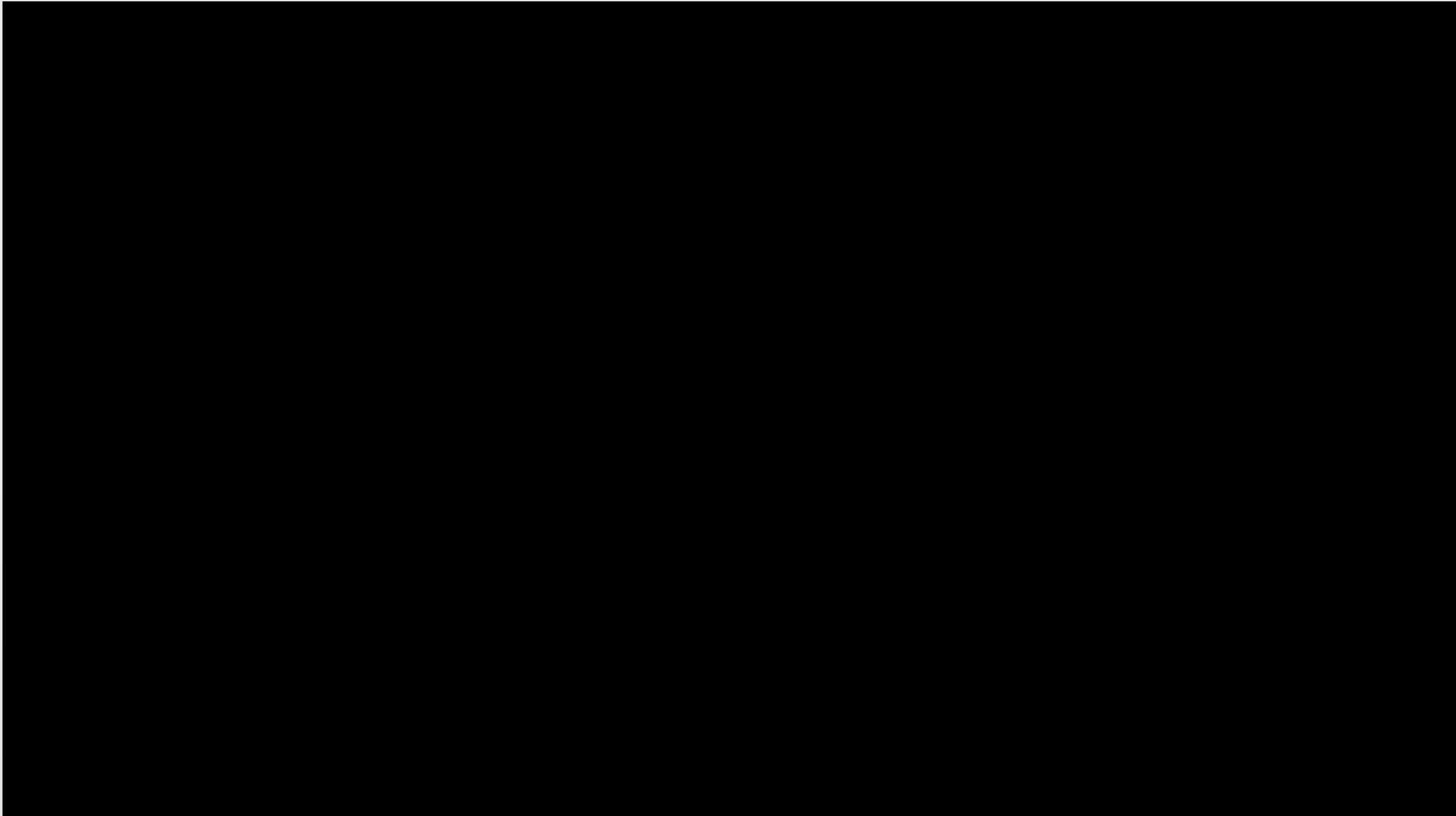
## Key goals:

- Increase the output of the Tripp Trapp® High Chair from **1200 pcs/day to 1650 pcs/day**.
- Achieve **lower energy consumption** and **lower CO2 emissions**.
- Create a **safer and more efficient workplace**.

This initiative is supported by the **Innovation Norway's SME Growth Romania 2020** programme , focus project area **Green Industry Innovation** and our long-standing partner, **STOKKE AS** from Norway.



# Who is SORTILEMN SA?





## Long-Term Vision

- **Goal:** Efficient furniture production with:
  - A more efficient approach to highchairs production
  - Reduced energy consumption
  - Reduced CO2 emissions
  - Safer work environment for the employees.



## Project objectives

- Revamping and enhancing the production capacity of the Tripp Trapp® High chair, utilizing fewer materials and energy while reducing CO2 emissions through the application of a new, innovative, and more efficient methodology within a 12-month timeframe from the project's start.
- Improving the company's financial indicators (revenue and operational profit) directly because of the newly upgraded production capacity.
- Fostering specific bilateral relationships with STOKKE AS to enhance knowledge transfer and best practices at SORTILEMN.



## Project description

- Supported by: **Innovation Norway's SME Growth Romania 2020.**
- Value: **€1,026,915**
- Grant: **€443,000**
- Focus: **Green Industry Innovation**
- Partner: **STOKKE AS** Norway



# Key updates & investments

- Modernized/New production equipment:
  - Automated line for milling (profiling) and sanding wooden Tripp Trapp® legs
  - Automated drilling and mortising Tripp Trapp® legs (left/right)
  - Automated carousel with 4 workstations for milling, profiling and sanding of seats
  - Automated brushing line for curved backrests
- Enhanced energy systems:
  - New 20 KV/6KV/0.4KV transformer
  - New heat recovery unit from the exhaust gases of the co-generation plant



# Outcomes achieved

- Summary of the achieved outcomes (for target year 2022):
  - **Financial growth:**
    - Turnover: +19% compared to baseline year 2019
    - Net operational profit: doubled compared to baseline year 2019
  - **Environmental impact:**
    - CO2 emissions: -23% compared to the baseline year
    - Energy consumption: -24% compared to the baseline year



## Socio-economic impact

- Safer working environment for our own employees
- Increased contributions to the local economy through higher taxes paid
- Strengthened bilateral collaboration with Norway



## Environmental impact

- Reduced CO2 emissions for the local community
- Lower energy usage in production processes
- Safer environment for current and future employees



## Conclusion

- Project success highlights bilateral cooperation's value
- Long-term impact on both **business efficiency** and **sustainability**.



## Special thanks

- Royal Norwegian Embassy in Romania
- Her Excellency Hilde Svartdal Lunde, Norwegian Ambassador to Romania, Bulgaria and Moldova
- Innovation Norway personnel in Romania
- STOKKE AS