



Best practice on environmental performance  
at

# 11er Nahrungsmittel GmbH

energy efficiency  
&  
carbon neutral production



First Preparatory Meeting of the OSCE 24th Economic and Environmental Forum  
Vienna  
January 25th, 2016

## Quality, Innovation & Responsibility 11er „Made in Austria“



- 3<sup>rd</sup> generation family owned enterprise
- Leading manufacturer of frozen potato specialties in Austria
- Sales & distribution: retail and food service
- Export ratio: 70% (EU)
- Employees: 250
- Turnover: 65 Mio €
- Production: 70.000t potatoes  
→ 40.000t finished product
- Energy: 64 Mio kWh/a (gas and electricity)



## Environmental Governance



- **Why is good environmental governance important?**
  - an environment worth living in can only be preserved by saving natural resources
  - responsibility to sustain the environment for upcoming generations
  - we as a producer of frozen potato specialties are particularly dependent upon fertile soil, pure water and clean air
  - ecological responsibility is not a fad – it is a reality that companies must embrace

## Quality & Environmental Management



- **Compliance with highest, international food standards**
  - IFS certified since 2003
  - BRC certified since 2000
- **Application of a sustainable environmental management system**
  - ECOPROFIT (Ecological Project for Integrated Environmental Protection) is a cooperation of authorities and companies with the goal of reducing cost for waste, raw materials, water, and energy.
  - The 11er ECOPROFIT team together with ECOPROFIT consultants continuously develop improvement opportunities to reduce energy, waste and the use of raw materials.
  - ECOPROFIT certified since 2005

BRITISH RETAIL CONSORTIUM  
for successful and responsible retailing



## Quality & Environmental Management



- On-site measures:
  - natural gas plant
  - heat recovery system
  - effluent treatment
- Continued collaboration with research institutes and NGOs
- Membership and commitment to UN global compact

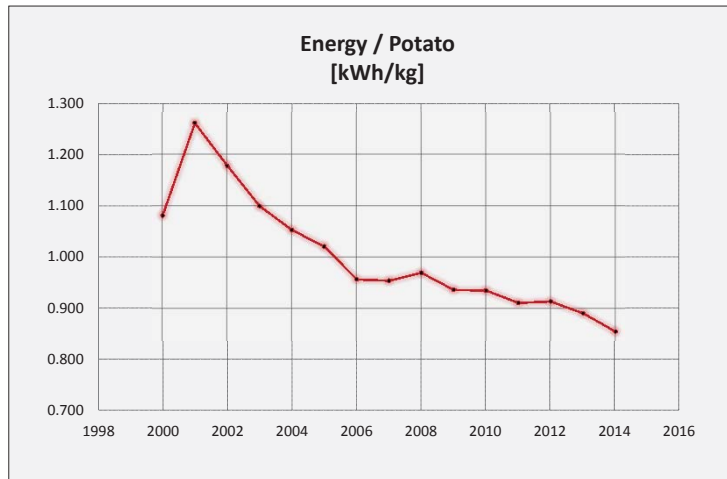


## Energy Efficiency Measures at 11er



	Year	Type	Savings [kWh/a]	CO2 [t/a]	Application
<b>BHPP/HR</b>	2004	electricity	2.456.000	343	electricity, hot water generation - production
<b>HR deep fryer/steam peeler</b>	2009	gas	2.144.000	429	hot water generation - production
<b>Multicompressor refrigeration</b>	2014-15	electricity	1.178.770	115	electricity/CO2 savings
<b>Other</b>	2004-15	gas/electricity	874.000	111	miscellaneous
<b>Natural gas plant - new</b>	2016	gas	16.000.000	3000	biomethane as truckfuel and for production
<b>Total per year</b>			<b>22.652.770</b>	<b>3998</b>	

## Energy Savings at 11er



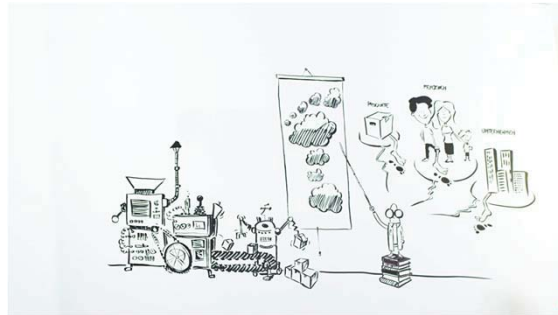
## Carbon Neutrality at 11er



- Founding member of Climate Neutrality Alliance 2025
- Avoidance and reduction of CO<sub>2</sub> at all levels
  - awareness of employees
  - LCA towards a complete carbon footprint (2013 continued)
    - 17.570t business operations at 11er location
    - 21.150t upstream supply chain (production of raw materials)
    - 3.780t third-party logistics
- - 42.500t (+2.500t excess charge)
  - **45.000t**
- Compensation of entire CO<sub>2</sub> footprint



## Carbon Neutrality and Energy Efficiency - explained



## Environmental Governance – as „Business Case“?



### ■ What are our expectations?

- commitment to good environmental governance and novel ecological know-how will provide a competitive advantage
- acceptance of our carbon neutral products by customers
- long-term commitment of customers
- increase of turnover



### ■ What requirements need to be met?

- us: firm belief that success is not short term, but to look ahead with courage, confidence and responsibility to implement necessary changes and innovations
- customers: conviction of retail to strengthen the sale of and of end-consumers to demand environmentally friendly products and production processes
- officials: support through guidelines (GSC, UNGC), financial aid towards implementation of measures, competitive rewards (i.e. GEG as decisive factor in public tendering)

## Good Environmental Governance works



**We at 11er accept our responsibility to combat climate change,  
support environmental protection and  
strongly believe that good environmental governance is without alternative!**

