WELCOME TO UPM AUGSBURG!
UPM today

Sales 2015: EUR 10.1 billion
Personnel: 19,600
Shareholders: approx. 90,000
UPM Paper ENA

18 Paper mills
UPM Augsburg mill in short

- Approx. 450 employees

- Our products
  - Magazine papers: SC-A and LWC

- Our raw materials
  - Groundwood pulp, deinked pulp, chemical pulp, fillers/pigments

- Our production lines
  - Two paper machines (PM 2 & PM 3)
  - Total production capacity: 490,000 t/a
UPM Augsburg – Raw materials
Stone groundwood production

- Raw material: round wood taken from forest thinnings and wind break wood from indigenous woods
- 11 Grinders
- Yield: ca. 98%
- Process:
  - Debarking
  - Grinding
  - Screening
  - Bleaching
UPM Augsburg – Raw materials
Recovered paper processing

- Raw material: sorted graphic paper for deinking from households and business
- Yield: ca. 70%
- Process:
  - Pulping
  - Prescreening
  - Flotation 1
  - Fine screening
  - Thickening
  - Disperger 1
  - Flotation 2
  - Disperger 2
  - Thickening
Chemical pulp (ready-made; based on elemental and totally chlorine-free processes):
  - Chemical pulp production involves boiling wood, usually in the form of wood chips, with chemicals
  - Pressure and heat separate wood resins, lignin and soluble carbohydrates from the wood fibers
  - Bleaching depending on the end-use

Minerals (e.g. clay and calcium carbonate):
  - Used as fillers in SC and as coating materials in LWC production, respectively)
Paper machine 3 – Key data

- Grades: LWC for offset printing
- Grammage range: 36 g/m²–80 g/m²
- Construction speed: 2,000 m/min
- Production speed: 1,800 m/min
- Paper web width: 9.60 m
- Coating unit: film press online
- Supercalender: 10 rolls online
- 2 Winders: WinRoll
Paper machine 2 – Key data

- Grades: SC-A for offset and rotogravure printing
- Grammage range: 45 g/m²–60 g/m²
- Speed max.: 1,100 m/min
- Paper web width: 4.62 m
- 2 Supercalenders (12 rolls)
- Winder: WinRoll
SUSTAINABLE FORESTRY

Paper is made from a sustainable raw material

• We trace the origin of the wood we use
  – 100% of it is legally harvested from sustainably managed forests

• Certified and controlled wood
  – 78% of the wood we use is certified, 100% is controlled wood
  – Our target is to have 85% certified wood by 2020

• Forest Certification
  – Proof of legality and sustainability
  – International certifications supported: FSC & PEFC

• Reforestation
  – UPM plants millions of trees each year under forest management plans spanning up to 50 years in length
Management Systems
Driving continuous improvement: UPM Augsburg mill over the last 10 years

Water
-30 %
Per tonne of paper

Electricity
-15 %
Per tonne of paper

Waste to landfill
0 kg
Already in 2002

Certified fibre*
+90 %
From 0 % in 2002

*PEFC
UPM Augsburg
Process certificates and product labels

- Quality management system: ISO 9001
- Environmental management system: ISO 14001 and EMAS
- Occupational health and safety management system: OHSAS 18001
- Energy management system; ISO 50001
- Chain of Custody: PEFC and FSC
- European Ecolabel
- Blue Angel (spec. grades)
Welcome to the mill tour!
Safety first.

Please take the time to read the safety instructions given to you

Keep your visitor badge visible

Stay with your host and follow instructions

Mind the steps, hold onto the railings

Smoking, alcohol and other intoxicating substances are prohibited on the premises

Photography, videotaping and recording are prohibited without a written permission

The unit’s emergency number is 444
Thanks for your visit and for your interest in UPM