

A tradition of innovation

Project **PM7**



perlen papier ag

1. Project goal

PM7 is a strategic investment to secure the location Perlen in the long term.

- Strengthens market position for newsprint
- Replaces PM5 (commissioned 1971)

2. Key data

	PM4	PM5	PM7
Start-up	2000	1971	2010
Paper grade	magazine papers	newsprint	newsprint
Raw materials	40% waste paper 50% wood 10% pulp	80% waste paper 20% wood	80-85% waste paper 15% wood 0-5% pulp
Speed	95 km/h	75 km/h	120 km/h
Paper width	5.4 m	5.4 m	9.6 m
Production	190,000 t/year	130,000 t/year	360,000 t/year

2. PM7 Highlights

- The PM7 is one of the world's most modern paper machines for newsprint.
- The PM7 produces in 14 days a 9.6 meter wide paper web that would reach around the world.

Around the world in 14 days



- The PM7 sets the standard for energy efficiency, boosting it by about 10%.

3. Overall view with PM7



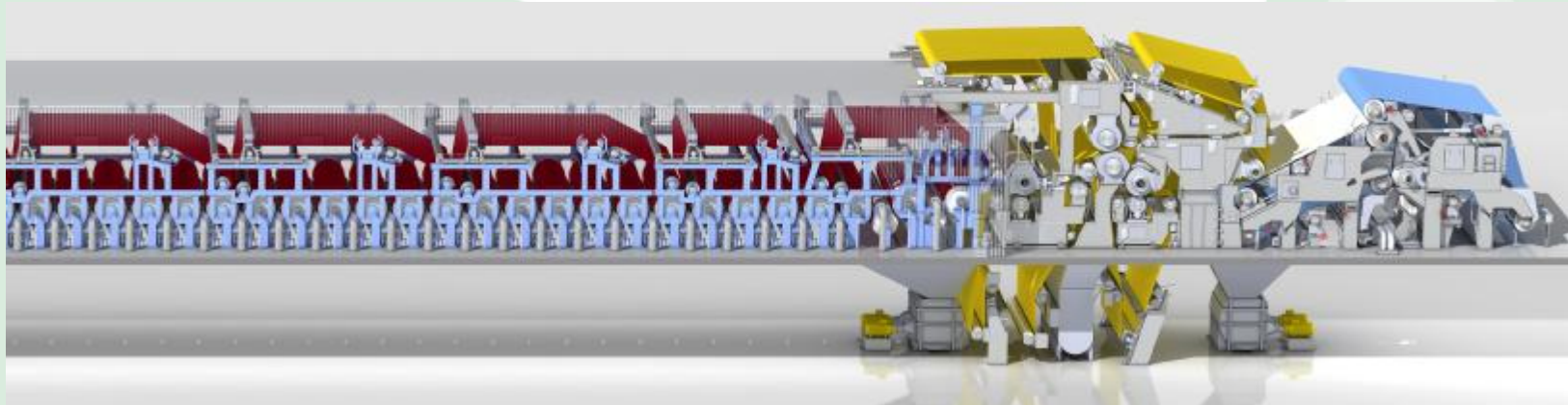
4. PM7 paper machine



dryer section

press section

forming section

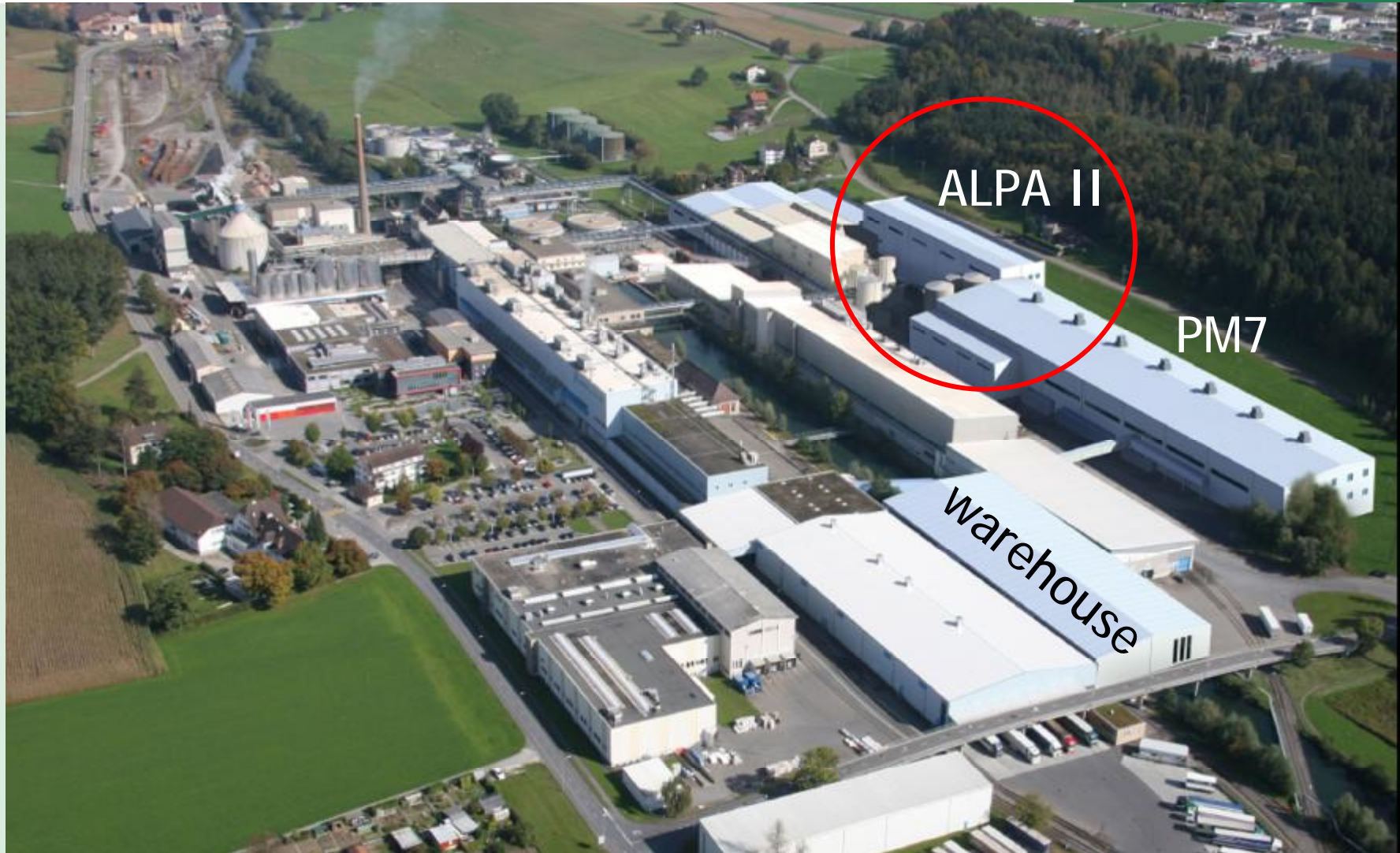


paper winders

reel-up calender

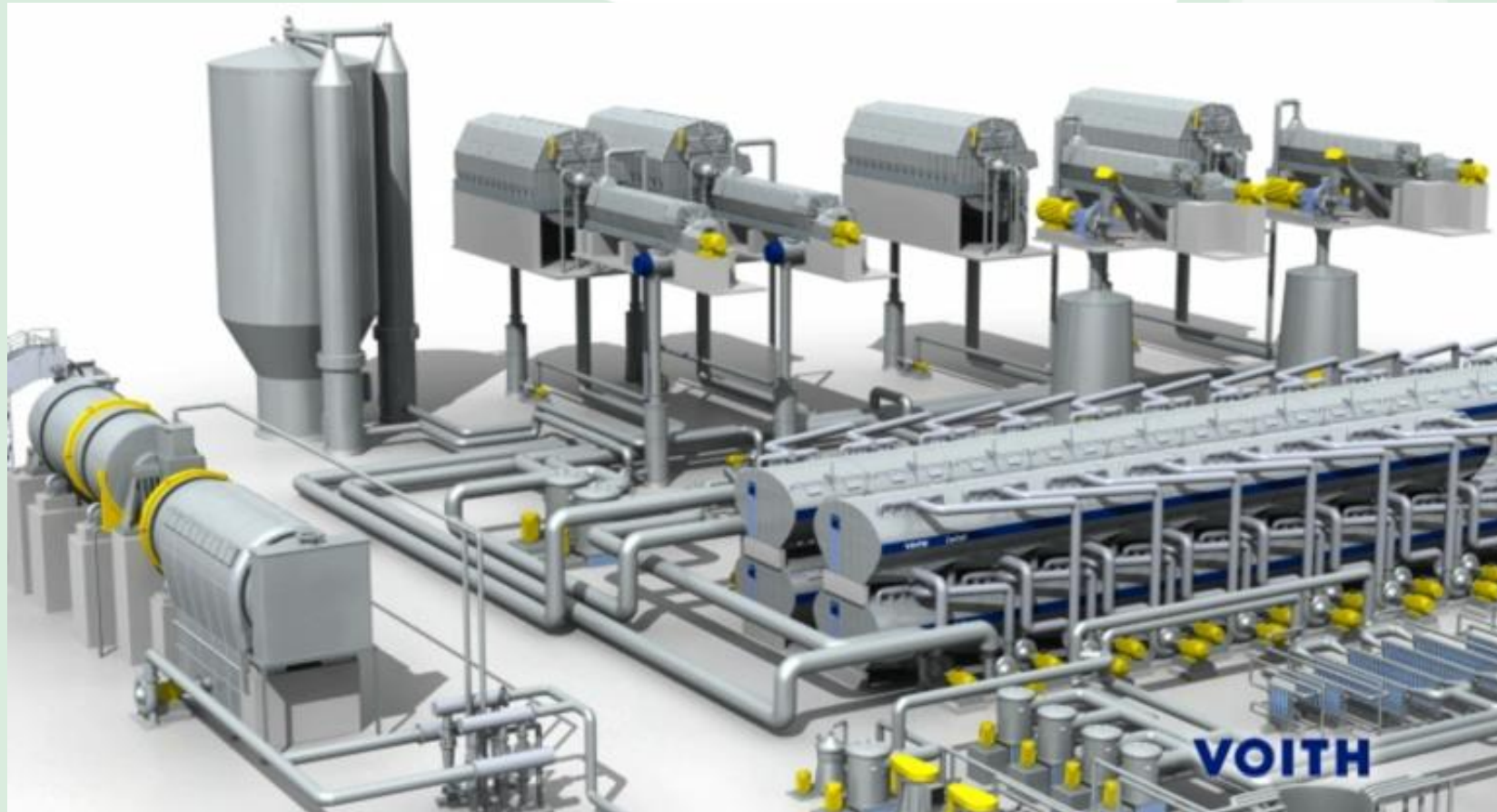


5. Overall view with ALPA II



5. ALPA II deinking plant

Layout ALPA II waste paper treatment: system overview



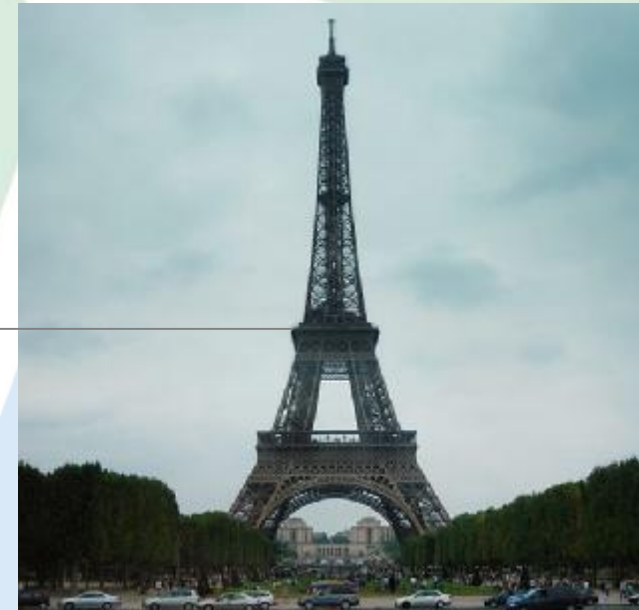
5. ALPA II deinking plant

Total waste paper consumption = 460,000 t/year
= 115 meter high mountain of used paper



Ø 230 m

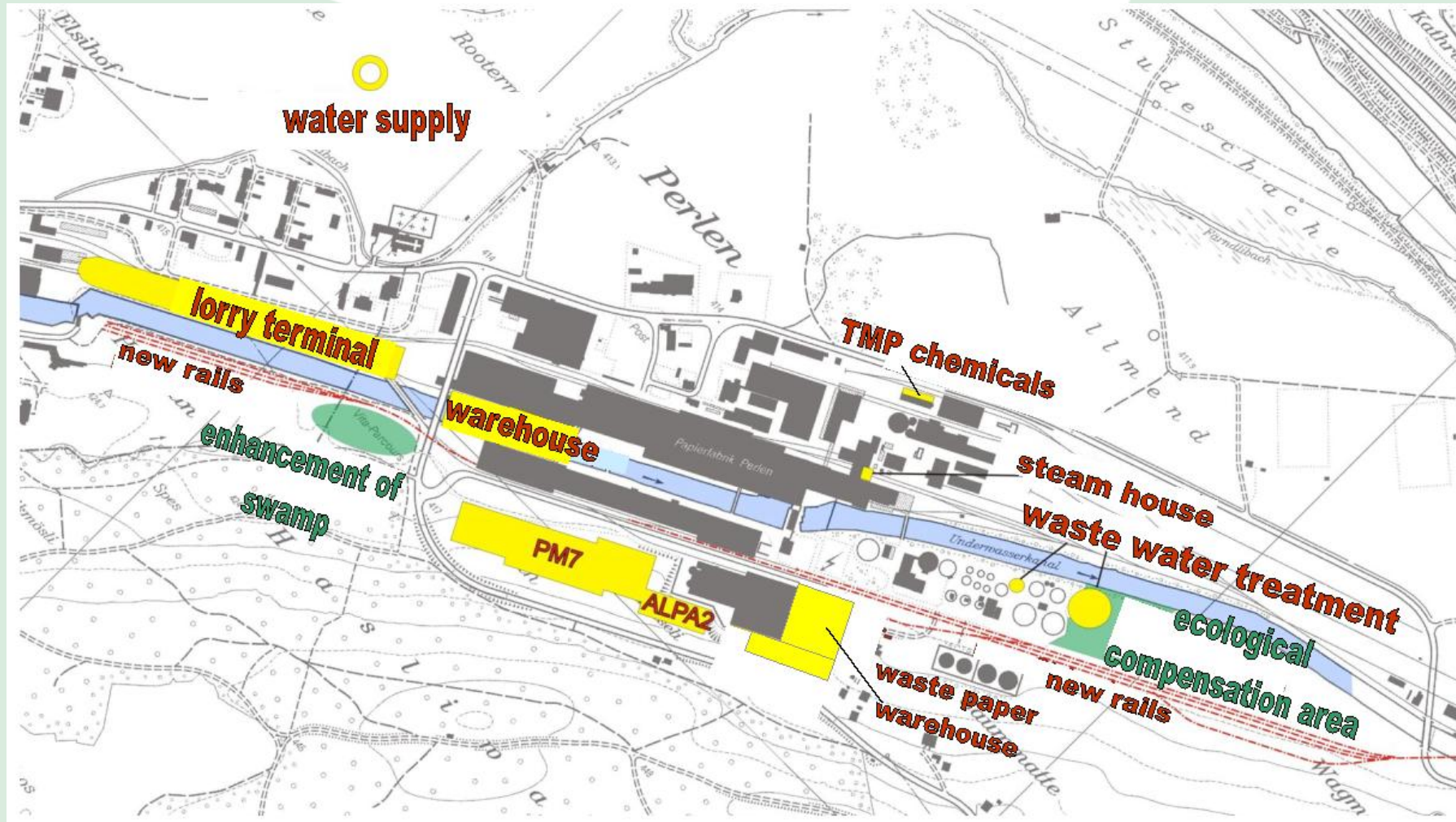
115 m



6. Overall view with new warehouse



7. Overview infrastructure



7. Infrastructure

Adaptations in the infrastructure:

- Expansion of steam production
- TMP additive discharge station and warehouse
- New water supply system
- Expansion of transport logistics

7. Infrastructure



Extension to waste water treatment plant:

- Primary clarifier
- Secondary clarifier
- Water cooling



9. Schedule

- 11.12.2008 BoD meeting -> project decision
- Jan. 2009 Supplier decision and placement of order
- Start of construction (groundbreaking) 4th March 2009
- Assembly starting January 2010
- Goes into operation in summer 2010
- Start of production (continuous operation) 1st October 2010



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Thank you
for your attention



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