



**SElective REcovery of calcium CARBonate  
in deinking sludge  
SERECARB**

**Project coordinator  
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29/09/2008Sheet nummer 1



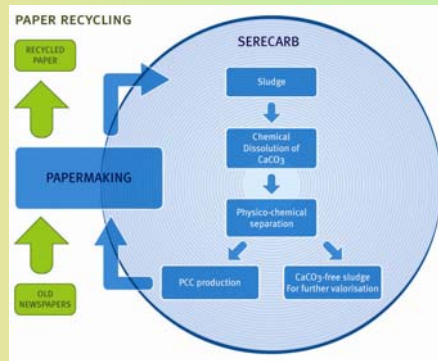
**project partners**

- **UPM Kymmene GmbH & Co KG - Germany**
- **GAW Pildner-Steinburg GmbH Nfg & Co KG - Austria**
- **Millvision bv - Netherlands**
- **Holzforschung Austria**
- **Ressourcen Management Agentur (RMA) - Austria**

29/09/2008Sheet nummer 2

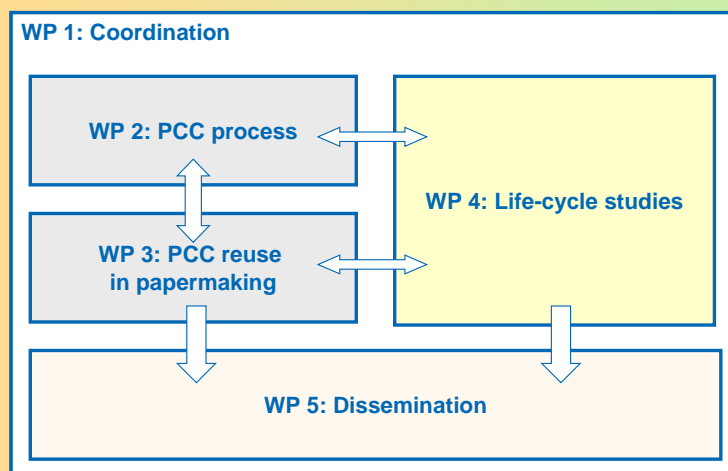
## objectives

- To produce precipitated calcium carbonate, PCC, from deinking sludge
- Assessing process conditions controlling the end-product quality – The PCC can either be used on site or sold,
- Assessing the paper making potential on-site of the produced PCC,
- Assessing the economical interest and environmental benefit by Life Cycle Analysis, technico-economic and market surveys.



29/09/2008Sheet nummer 3

## method / work plan



29/09/2008Sheet nummer 4

## current project status

- **WP 1:**
  - ◆ Kick-off 31.03.08
  - ◆ 2nd Meeting 9.09. 08
- **WP 2: Experimental work on-going**
  - ◆ **IT WORKS!!!**
- **WP 4: Initial data being collected**
- **WP 5: project website open**
  - ◆ <http://www.millvisionweb.eu/serecarb.htm>



## expected results

- **Proof-of-concept,**
- **Development of key process parameters,**
- **Demonstration pilot plant,**
- **Validation of the papermaking value of produced PCC**



## Introduction of the speaker

- Dr-Ing Chemical Engineering
- Arjo Wiggins (France): Product Development (5 years)
- Centre Technique du Papier (France)
  - Contract services (3 years)
  - R&D and Consulting (6 years)
  - Sales and Marketing (6 years)
- Papiertechnische Stiftung (Germany)
  - Large Project Management (3 years)



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