



Participating organisation

BULGARIA



**PULP
AND PAPER
INSTITUTE**

Pulp and Paper Institute

1528 Sofia, 8 Poruchik Nedelcho Bonchev Str.

ppi@bgcatalog.com

ppi_bgcatalog@abv.bg



Participating organisation

BULGARIA



**PULP
AND PAPER
INSTITUTE**

Pulp and Paper Institute, Sofia, Bulgaria

Services/Products:

Scientific institution for services to the firms from the Pulp and Paper Industry

Total number of employees:

40

Employees in E48 related areas:

4

Research focus:

- Pulp, Paper, Board, Packaging
- Waste paper
- Environmental protection
- Accredited Test Laboratory

Ownership structure:

private



E48 representative's presentation (I)

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INSTITUTE

Kalina Todorova

Eng.

Pulp and Paper Institute

1528 Sofia, ul. Poruchik Nedelcho Bonchev, 8

ppi@bgcatalog.com

Tel.: ++359 2 973 27 85



Academic background:

- Engineer - chemist for Pulp and Paper production
(University of chemical technology and metallurgy, Sofia-2006)

Areas of expertise:

- Sizing in alkaline and neutral pH
- Paper recycling
- Water treatment with PAA

Function in COST E48:

Member of WG3



E48 representative's presentation (II)

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Kalina Todorova

Most relevant publications in the field of E48:

Report “ Water Treatment with PAA” - Ciba Seminar, Bulgaria, Bansko, 16-17 May 2006.



Own expectations in E48

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- **Identification of potential technological limits of paper recycling**
- **Development of appropriate recovery system for used paper and board production**
- **Strategies for improve paper and board product`s recyclability without sacrificyng their competitiveness**



Own contributions to E48

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- **Finished or current projects in the area of E48:**

Projects submitted or planned during the duration of E48

- **Using of chemical additives in production of waste – based packaging papers and containerboard.**



Brief description of own finished or ongoing research projects in the area

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•Project 1: Production of paper for corrugated board with increased quantity of recovered paper

- *Background*
- *Objectives: Extending of raw material base for production of paper for corrugated board*
- *Means: Introducing of fractionation*
- *Results (so far): Introducing of technology in one big Bulgarian plant*

•Project 2: Research for obtaining of homogeneous, deinked and bleached pulp from waste printing paper for production of sanitary and wrapping papers

- *Background*
- *Objectives: Improving of quality of pulp from recovered paper*
- *Means: Deinking*
- *Results (so far): Using in production of sanitary and wrapping papers (The bleaching is not always included)*



Organisation of E48 events

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My organisation has the personal and logistic facilities to organise major E48 events and would particularly be prepared to host (please tick box)



specific (seperate) MC or WG meetings



parallel or consecutive meetings of both MC and WGs



a workshop (up to 50 participants)



an international conference (more than 50 participants)



External contributions to E48

BULGARIA



I believe that the following external organisations or experts could make valuable contributions to E48 events:

Name	Organisation	Expertise
N.N.	CEPI	EU P&P industry's view
N.N.	Voith	Machine suppliers' views
N.N.	BASF	Chemical suppliers' views
N.N.	CIBA	Chemical suppliers' views
N.N.	PTA	Testing instruments
N.N.



Expectations and offers concerning STSMs

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My organisation is prepared to host young academics from foreign organisations in the frame of STSMs. We could offer colaboration in

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My organisation is interested in sending young academics to foreign research organisations in the frame of STSMs.

We would particularly be interested in learning more about

- **Legislative aspects and development within the European Union**
- **The ecology of using recycled pulp**
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