



UNIVERSITY OF HELSINKI



1918

TALLINNA TEHNIKAÜLIKOO

TALLINN UNIVERSITY OF TECHNOLOGY



RePlast FinEst

Training and Development Project
Plastics (+ WEEE plastic components) Recycling
(15.3.2005-31.5.2007)

RePlast FinEst- Project Coordinator
Terhi Ylitalo



KESKKONNAMINISTERIUM
Ministry of the Environment



UUDENMAAN
YMPÄRISTÖKESKUS
NYLANDS
MILJÖCENTRAL

RePlast FinEst-project – objective, target group

MAIN OBJECTIVE:

To develop recycling of plastics and WEEE- plastic components in
Finland and Estonia

FOR PLASTICS PROFESSIONALS:

EDUCATION
EXPERT INFORMATION
PROFESSIONAL NETWORKS
MEANS TO INFLUENCE



RePlast FinEst-project partners

EXPERT PARTNERS:

Muovipoli Ltd & Tallinn University of Technology

PROJECT ADMINISTRATION:

University of Helsinki, Palmenia Centre for Continuing Education and
Matteh SK, Materials Processing Technologies transfer Center of TUT

COOPERATION PARTNERS:

Tampere University of Technology
Tartu University Institute of Technology
Finnish Plastics Industries Federation
Estonian Plastics Association
Finnish Plastics Recycling Ltd
Finland's Environmental Administration SYKE
Lahti Regional Development Company Ltd LAKES



RePlast FinEst-project idea & funding



- During the 2004 GULFII - project Finnish-Estonian Plastic Mini Workshops
- With: Muovipoli Ltd, Tallinn University of Technology, Palmenia Centre for Continuing Education, Finnish Plastics Industries Federation, Estonian Plastics Association, Environmental Centres, Estonian Ministry of Environment etc.
- Funding application of the cooperation project, was left in October 2004 to Southern Finland and Estonian Interreg III A-programme, Priority 3, 3.2 Cooperation in Improving Environment
- During the funding application process 11 organisations committed as participants and several were interested
- Funding decision: Interreg- administrative Committee supported the project by 12/2 votes
- Official funding decision received June 2nd 2005 – firstly for the year 2005 (usable until end of June 2006)
- National funding from Uusimaa Regional Environment Centre and Estonian Ministry of Environment



RePlast FinEst-project sub-objectives

- To collect information in both countries on the amount and quality of plastics (and WEEE- plastic components) and on matters concerning waste collection and recycling.
- To implement received information and educate plastics professionals and authorities.
- To draw up conclusions, suggestions and recommendations on organizing waste collection, sorting and recycling and turning into products of recycled plastics.
- To strengthen and develop cooperation between plastics professionals nationally in both countries and between both countries
- Informing producers and plastics professionals on producer responsibilities



RePlast FinEst-project activities & realisers

Collecting background information (6-9/2005)

Muovipoli Ltd & Tallinn University of Technology

Sauli Eerola & Jaan Kers, Indrek Tiimus, Taavi Küttis

Gathering and defining basic information in Finland and Estonia:
EU-directives and national legislations, plans concerning this topic and
earlier studies and also statistics (on plastic quality and amounts),
presently existing plans and present development projects of trade and
commerce

Study (10/2005- 4/2006)

Muovipoli Ltd & Tallinn University of Technology

Sauli & Jaan, Indrek ja Taavi

Defining the amount, quality and location and degree of recycling of plastic
wastes in Finland and Estonia. Defining refining of plastics and material
variations and possibilities of developing new products

Includes visits to enterprises and interviews.



Training Seminars (2005-2007) Partners together + outside experts

For representatives of Finnish and Estonian industry and trade, area and local authorities and for this field's educational institutions and organisations.

Main themes: legislation, solution possibilities of waste problem and cooperation between plastics professionals.

There will be seven events (4 in Finland and 3 in Estonia).

First educational seminar

“RePlast FinEst - **WHERE DO PLASTICS GO** – in Finland and Estonia?”

16th of November 2005 in Lahti

Muovi Plastics, QualiFinn 2005- Fair



Working of Expert Group (2005-2007)

Partners together

A group consisting of representatives of universities, industry, authorities and experts , that draws up conclusions, suggestions and recommendations for authorities and enterprises on how to develop recycling of plastics

FINLAND:

1. Professor Pentti Järvelä, Tampere University of Technology, Muovipoli Ltd
2. Managing director Vesa Kärhä, Finnish Plastics Recycling Ltd
3. Representative of enterprise
4. Head inspector Matts Finlund, Uusimaa Regional Environment Centre
5. Tuuli Kirkkomäki, Technology Industries of Finland/ Andrea Solutions Ltd

ESTONIA:

1. Professor Peep Christjanson, Tallinn University of Technology, Dep. of Polym.
2. Waste Manager Peeter Eek, Estonian Ministry of Environment, Waste Dep.
3. Managing Director Varje Kristjuhan, Estonian Plastics Association
4. Managing Director Oleg Epner, Eesti Pandipakend
5. SER-community – Markus Vetsa
6. Managing Director Urmas Maivel, EcoPro AS



RePlast FinEst-project - administration

Project Administration (2005-2007)

University of Helsinki, Palmenia Centre for Continuing Education
Project Coordinator Terhi Ylitalo & Project Secretary Anja Loikkanen

&

Matteh SK, Materials Processing Technologies transfer Center of TUT
Managing Director Sergei Zimakov
Project Manager Jaan Kers

Coordination and arrangements of actions and cooperation

Information

Financial Management/ Payment Claims/ Reporting/ Participation



Financing

Project's overall costs 2005-2007

410 530€, of which 186 885 funded by
ERDF/ Southern Finland & Estonia Interreg III A

Finnish overall costs 302 530 €

Estonian overall costs 108 000 €

Funding Decision for year 2005 (usable until June 2006)

175 357 €, of which 80 540 € funded by ERDF (46%)

Uusimaa Regional Environment Centre 50 654 € (29%)

Finnish Private Funding 32 200 €, of which 7 200€ in kind (18%)

Estonian National Funding, Estonian Ministry of Environment 11 963 € (7%)



Steering Committee

FINLAND:

1. Director Lauri Kuukasjärvi, Lahti Regional Development Company LAKES, Lahti Region Centre of Expertise Programme DQE (including Plastic cluster)
 2. Managing Director Kari Teppola, Finnish Plastics Industries Federation
 3. Project Manager Juha Karppinen, University of Helsinki, Palmenia
 4. Managing Director Antti Pohjonen, Muovipoli Ltd
- Representatives of financiers: Inspector Riitta Salasto and Head Inspector Matts Finnlund, Uusimaa Regional Environment Centre

ESTONIA:

1. Director Henn Pärnamets, Estonian Ministry of Environment, Strategy and Investment Department, Structural Funding office
 2. Professor Priit Kulu, Tallinn University of Technology
 3. Operations Director Varje Krisjuhan, Estonian Plastics Association
 4. Deputy Director Eerik Pura, Tartu University, Institute of Technology
- Representative of financier: : Project Coordinator Mari-Liis Lind, FinEst Interreg III A, Tallinn



Participation in Project:

Includes: studies, reports, educational seminars and possibilities to influence as expert and commentator

Finland

The participation fee is determined by the organisation's line, turnover and amount of staff:

Organisation related participation fee 2005-2007

2 000 – 10 000 €, of which calculatory share 1 000 – 3 000€

Estonia

Private funding is not accepted.



Participation in RePlast FinEst-project

We are all ready in:

Edupoli
Ekokem Ltd Ab
Kesko plc
Kuusakoski Ltd
Lahti Regional Development Company LAKES Ltd
Lassila & Tikanoja plc
L&T Muoviportti Ltd
Finnish Plastics Industries Federation
Muovix Ltd
Nokia plc
Perlos plc
SITA Finland Ltd Ab
Finnish Plastics Recycling Ltd



RePlast FinEst-project – contact information

RePlast FinEst-project

www.palmenia.helsinki.fi/replastfinest/

PLEASE CONTACT US!

Studies/ research

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Participation in project

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LESSONS LEARNED SO FAR

- Careful project planning with all partners
- Clear and equal project objectives and activities based on needs
 - Realistic budgets, enough human resources and travel costs
 - Following strictly all the required rules
- True and daily communication between partners, regular meetings
 - Keeping the target group informed and satisfied
 - Close cooperation with financiers/authorities
 - Patience at the beginning
 - Persistence while facing challenges
- Flexibility (work plan, time schedule, administration and financing)



CHALLENGES

- DEMANDING PROJECT PREPARATION
 - MATCHING PARTNERS
 - COMMON INTERESTS
 - DIFFERENT NEEDS
- COMBINING PRIVATE INTERESTS & PUBLIC STRATEGIES
 - OLD & NEW EU-MEMBER STATES
- ADMINISTRATIVE ISSUES (combining cultures & procedures)
 - DIFFERENCES IN FINANCING (in the same programme)
 - NEED FOR CHANGES (activities, budget)
 - IMPACTS, RESULTS, THE BEST & WORST PRACTICES

SUGGESTIONS?



RePlast FinEst-project – challenges & suggestions

CHALLENGES & SUGGESTIONS

- PROJECT PREPARATION - > financing support
- MATCHING PARTNERS - > forums of interests & partners
(forum meetings & www partner search)
- COMMON INTERESTS
DIFFERENCES IN NEED - > more intensive dialogue (cf. above)
- COMBINING PRIVATE & PUBLIC - > the clear articulation of needs & objectives,
parallel development strategies
- OLD & NEW EU-MEMBER STATES - > deeper cooperation, EU- project management
education , flexibility of all (partners, financiers, target
groups)
- ADMINISTRATIVE & FINANCING - > the same cross border rules & procedures in the same
programme
- NEED FOR CHANGES - > amendment procedures
- IMPACTS, RESULTS - > evaluation & shared information



RePlast FinEst-project – fruitful and fun

RePlast FinEst CROSS BORDER COOPERATION IS GREAT!

