

Solvent recycling contribution to resource efficiency

24th September 2014 Fraunhofer IVV, Freising

SAVE THE DATE!



About Polysolve Workshop

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Polysolve is a EU funded project for the development of a selective green solvent based recovery process for waste expanded polystyrene and polycarbonate.

Aim of Polysolve

The idea to meet this need is the development of green selective solvents to allow expanded polystyrene and polycarbonate to be recycled more effectively and offer a product with similar properties to that of virgin material to converters.

Workshop objective

This Workshop will cover the state of the art in solvent based recycling, the results of Polysolve and needed developments for future market development.

Project Partners

European Plastics Recyclers (EuPR)
European Plastics Converters (EuPC)
British Plastics Federation
Mikrolin

Env-Aqua Solutions TWI Fraunhofer Institute



Agenda (morning session)

| Time | Topic |
|-------|---|
| 10.00 | Welcome |
| 10.15 | Solvent based recycling: State of the art |
| 11.00 | POLYSOLVE approach |
| 11.30 | Solvent selection tool |
| 12.00 | Lunch break |
| 12.45 | Visit of IVV labs and technical areas |



Agenda (afternoon session)

-13.15 Splitting of the group

| Time | Topic | Time | Topic |
|-------|--|-------|--|
| 13.20 | EPS group introduction | 13.20 | PC group introductions |
| 13.30 | Legal issues of recycling EPS (Pack., constr., HBCD, REACh) | 13.30 | Recycling issues of pi-PC compounds (DVD, CD-ROM) |
| 13.50 | Practical issues of recycling EPS | 13.50 | Recycling issues of PC sheets |
| 14.10 | POLYSOLVE Results | 14.10 | POLYSOLVE Results |
| 14.30 | Roadmapping - issues left - industrial process ? - waste streams | 14.30 | Roadmapping - issues left - industrial process ? - waste streams |

15.00 Coffee break

15.15 Discussion of Roadmapping in complete group



Organisation details

| Venue | Fraunhofer Institute Freising |
|---|---|
| Address Giggenhauser Str. 35, 85354 Freising, Germany (close to Munich Airport) | |
| Access | http://www.ivv.fraunhofer.de/en/kontakt.html#1.a |
| Accommodation | http://www.ivv.fraunhofer.de/en/hotels-freising- umgebung.html |
| Start | 10 am CEST |
| End | 4 pm CEST |
| Cost | free |
| Language | English |

