

# ActInPak

## **COST Action FP1405**

Active and intelligent fibre-based packaging – innovation and market introduction

**WG 1 Group Meeting**

# WG MEETING

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-Overview/Activities	Selcuk	09:00 – 09:10
-Review papers/Status	Paper leaders	09:10 – 09:30
-Working in groups	all	09:30 - 10:30
-Coffee Break		10:30 – 11:00
-Presentation from groups / discussions	Paper Leaders	11:00 – 12:20
-Achievements / Next steps	Selcuk	12:20 – 12:30

# OVERVIEW GOALS OF WP1

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## 1. Reviews

1A. Active and Intelligent packaging solutions on the market

1B. Active and intelligent packaging solutions studied at lab scale

1C. Existing legislations

- Literature research
- Patent analysis
- Seminars and Workshops

## 2. Overview to be discussed in expert panels

- The most promising technologies
- Technological evolution needed for successful development

## 3. Guidelines (technical) for successful exploitation of A&I Packaging solutions

# WG1 ACTIVITIES

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2015

- COST Action FP1405 Meeting: “Existing technologies and current developments in active and intelligent packaging”, 15-16 September 2015, University of Aveiro, Portugal
  - Plenary Presentations
  - Presentations WG1

2016

- COST Action FP1405 Meeting: “Status of current developments and challenges in active and intelligent packaging”, 4-5 April, Munich
  - Plenary Presentations
  - WG1 Meeting with 47 Members
- “PTS Innovative Packaging Symposium”, 6-7 April, Munich
  - Presentation of members of WG1
- Member Survey WG1
- Determination of the review topics

# WG1 ACTIVITIES

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2016

- COST WG1 session in Nanotec conference (26/09/2016)
  - Introduction of COST Action
  - 8 Presentation
  - 16 members
- Review Papers

# REVIEW PAPERS

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## Industry Leaflet (Priority number 1)

1. Technical paper for Industry (Active Packaging) (**Anouk Dantuma**)
2. Technical paper for Industry (Intelligent & Interactive Packaging) (**Nuria Herranz**)
3. Active and Intelligent Packaging Current legislations (**Sara Limbo**)

## Peer review Papers (Priority number 2)

4. Technologies to develop active packaging (**Julien Bras**)
5. Active Packaging for food (**Selcuk Yildirim**)
6. Functional inks for intelligent packaging (**Diana Gregor Stevec**)
7. Hybride electronics (printed and conventional) for intelligent packaging (**Deja Muck**)

## Peer review papers (Priority number 3)

8. Active agents (**Carmen Freire**)
9. Active packaging for non-food applications (**Patrycja Suminska**)

# REVIEW PAPERS

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## 1. Technical paper for Industry (Active Packaging) (Sanne)

“first draft with some remaining gaps”

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# REVIEW PAPERS

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## 2. Technical paper for Industry (Intelligent & Interactive Packaging) (Nuria Herranz)

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# REVIEW PAPERS

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## 3. Active and Intelligent Packaging Current legislations (Sara Limbo)

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# REVIEW PAPERS

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## 4. Technologies to develop active packaging (Julien Bras)

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# REVIEW PAPERS

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## 5. Active Packaging for food (Selcuk Yildirim)

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# REVIEW PAPERS

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## 6. Functional inks for intelligent packaging (**Diana Gregor Stevec**)

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# REVIEW PAPERS

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## 7. Hybride electronics (printed and conventional) for intelligent packaging (Deja Muck)

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# REVIEW PAPERS

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# REVIEW PAPERS

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## 9. Active packaging for non-food applications (Patrycja Suminska)

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# DELIVERABLES & MILESTONES

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D1.1 Different review papers (published on website) to make results of M1.1, M1.2, M1.3 available to experts all over the world giving an up-to-date report of the research in the different areas of active and intelligent fibre-based packaging (M13-26)

- Industry leaflets
- Review papers
- Conferences/Seminars
  - COST Action FP1405 Meeting: “Existing technologies and current developments in active and intelligent packaging”, 15-16 September 2015, University of Aveiro, Portugal
  - COST Action FP1405 Meeting: “Status of current developments and challenges in active and intelligent packaging”, 4-5 April, Munich
  - “PTS Innovative Packaging Symposium”, 6-7 April, Munich
  - COST WG1 session in Nanotec conference (26/09/2016)



# DELIVERABLES & MILESTONES

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D1.2 Guidelines (roadmap) for future research and development will also be produced focusing on major technical challenges to overcome for the successful exploitation of smart packaging solutions (25-48)

- Seminar focusing on the technological challenges / round table with industry
  - Guidelines for future research and developments
- Expert panel discussions
  - Most promising active and intelligent fibre-based packaging solutions

# DELIVERABLES & MILESTONES

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D1.3 Reports on organized workshop, seminar, and training school on technological solutions

- Yearly reports
- Abstract books

