

ACTINPAK STUDENT CONTESTS

ActInPak organises two Student Contests:

1. **Demonstrator:** focusing on the production of a demonstrator (scale 1:1) in active and intelligent packaging (for example one of the three below),
2. **Tech & eco:** dealing with a technological and economic analyses of one type of active and intelligent packaging (to be chosen by you).

Indicator &
Detection of bacteria

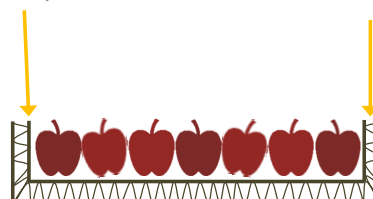


Oxygen scavenger applied as a label
on interior of MAP packaging



Ethylene
scavenging
inner layer

Antibacterial / anti mould
corrugated layer
sandwiched between
inner and outer layer



Deadline & deliverables:

SC type	Deadline	Group of student	Deliverables
Demonstrator	1st of June 2017	Maximum 8 students	1 report 1 ppt presentation 1 video 1 demonstrator
Tech & eco	1st of June 2017	Maximum 2 students	1 report 1 ppt presentation

ABOUT ACTINPAK

COST FP1405 ActInPak aims to identify and overcome the key technical, social, economic and legislative barriers to a successful deployment of renewable fibre-based functional packaging solutions such as active packaging. Currently, 30 countries are involved in the network, with participants representing over 95 institutes and companies.

For more information, please see the ActInPak website: <http://www.actinpak.eu>

WHO CAN APPLY

The Student Contest (SC) is a networking tool aimed at increasing collaborations between European students, researchers and companies in the field of active and intelligent packaging. It is a student activity fostering collaboration between students and ActInPak partners, contributing to ActInPak's scientific objectives, allowing participants to learn new techniques and communication in the field.

The Student Contest is particularly intended for young students in Bachelor or Master Degree. Students should be:

- ✓ from a Participating COST country*
- ✓ available to present their results in an ActInPak conference

WHAT'S IN IT FOR YOU?

Each SC winner will be invited in the next ActInPak conference to present their work and participate in an industrial brainstorming workshop. They could have networking actions during this conference and their CV will be distributed to all partners (more than 200 contacts in industry and university). Your work will be published on our website www.actinpak.eu

APPLICATION & EVALUATION PROCEDURE

Applicants should register by sending an e-mail **before the 1st of April 2017** to Julien.Bras@grenoble-inp.fr with the following information:

- » the type of student contest (SC1 or SC2);
- » the name of student group;
- » the title of the project;

The Steering Group (Chair, Vice chair, STSM leader, WG leader) will evaluate the different proposals on the base of the relevance of the topics addressed and of the proposed activities with respect to the COST action focus. Selection will be made at least 1 month after the deadline and will be made based on the following criteria:

- » -for SC1 – demonstrators:
 - Methodology and project management
 - Technology understandings and development
 - Quality of demonstrator
 - Outlook and perspectives and challenges for ActInPak
- » -for SC2 – Tech & Eco:
 - Methodology and market analysis tool
 - Technology understandings
 - Quality of document and of scheme
 - Outlook and perspectives and challenges for ActInPak

* Participating countries: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Finland, France, FYR Macedonia, Germany, Greece, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom.

International Partners: SCION (New Zealand), University of Tokyo (Japan), Virginia Tech (USA), CSIR (South Africa), National Institute of Industrial Technology (Argentina).



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