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Development of a textile with Silica coating for environmental friendly control of insects in agricultural production

Deliverable [8]:

[Plasma Unit]

[P&S]

This project is co-financed by the European Union and Greek national funds through the bilateral Greece-Germany S & T Cooperation Program, Competitiveness, Entrepreneurship & Innovation (EPAN EK) (project code: T2DGE-0120).

Project Details:

Programme: **bilateral Greece-Germany S & T Cooperation Program, Competitiveness, Entrepreneurship & Innovation**

Call topic: **Agrofood**

Project Title: **Development of a textile with Silica coating for environmental friendly control of insects in agricultural production**

Project Acronym: **AgriTexSil**

Proposal Number: **T2DGE-0120**

Time Frame: **29/05/2018 – 28/04/2021**

Deliverable Details

WP: [3 Coating of fibres]

Task(s): [3.1]: [Elaboration of infrastructure]

Deliverable Title: [Plasma Unit]

Lead beneficiary: [P&S]

Involved Partners: []

Deadline for delivery: month [4], [30/06/2018]

Date of delivery: [26/06/2018]

Del [8]: [Coated woven fabric]



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Del [8]: [Coated woven fabric]



1. Summary

In this deliverable the basic infrastructure for the planned coating process is modified. Additional to the feeding unit we had to adapt the nozzle of the Plasma Jet to the Silica particles. We built up a new arrangement of a control unit and two plasma jets for the further coating tests.

Del [8]: [Coated woven fabric]



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The deliverable is available upon request

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Del [8]: [Coated woven fabric]

