



Co-financed by Greece and the European Union



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

Deliverable [8]: *[Plasma Unit]*

*Version 1.0: first version delivered on 30/06/2018*

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### 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**

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### Deliverable Details

WP: [3 Coating of fibres]

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

Deliverable Title: [Plasma Unit]

Lead beneficiary: [P&S]

Involved Partners: [P&S]

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Del [11]: [Coated woven fabric]

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Del [11]: [Coated woven fabric]

## 1. Summary

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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 [11]: [Coated woven fabric]



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The deliverable is available upon request

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D [10]: [Data of the fiber's characterization]

