



Co-financed by Greece and the European Union

# “CASCADE HYDROPONICS”

**An integrated approach to increase productivity, resource use efficiency and sustainability of protected horticulture**

**CasH**

*Deliverable 9 [3.3.1]: Iterative optimization of cultivation techniques for the tertiary crops*

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### Project Details:

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### Deliverable Details

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**Task(s):** [T3.3]: [Development + iterative optimization of cultivation techniques for the tertiary crops]

**Deliverable Title:** [Iterative optimization of cultivation techniques for the tertiary crops]

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**Involved Partners:** [Hochschule Geisenheim University]

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D9\_[3.3.1]: [Iterative optimization of cultivation techniques for the tertiary crops]

## “CASCADE HYDROPONICS”



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## 1. Summary

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The current deliverable [D9\_(3.3.1)] concerning the 3<sup>rd</sup> Work Package [WP3-Cultivation practices (M1-M5)] focuses on the development and iterative optimization of cascade cultivation techniques for the tertiary crops. The system was designed in a way to be fully automated, able to be functional as a double level cascade system. The prototype equipment developed to optimize the cultivation technique for the secondary crops is presented in the deliverable D6\_(3.2.1). In a similar way, D9\_(3.3.1) presents the system of the developed for the tertiary crop which constitutes the extension of the system for one more crop cultivation loop.

The goal of the current deliverable is to present the system developed that will be used afterwards for a cultivation of three crops in a series.

D9\_[3.3.1]: [Iterative optimization of cultivation techniques for the tertiary crops]

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The deliverable is available upon request

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