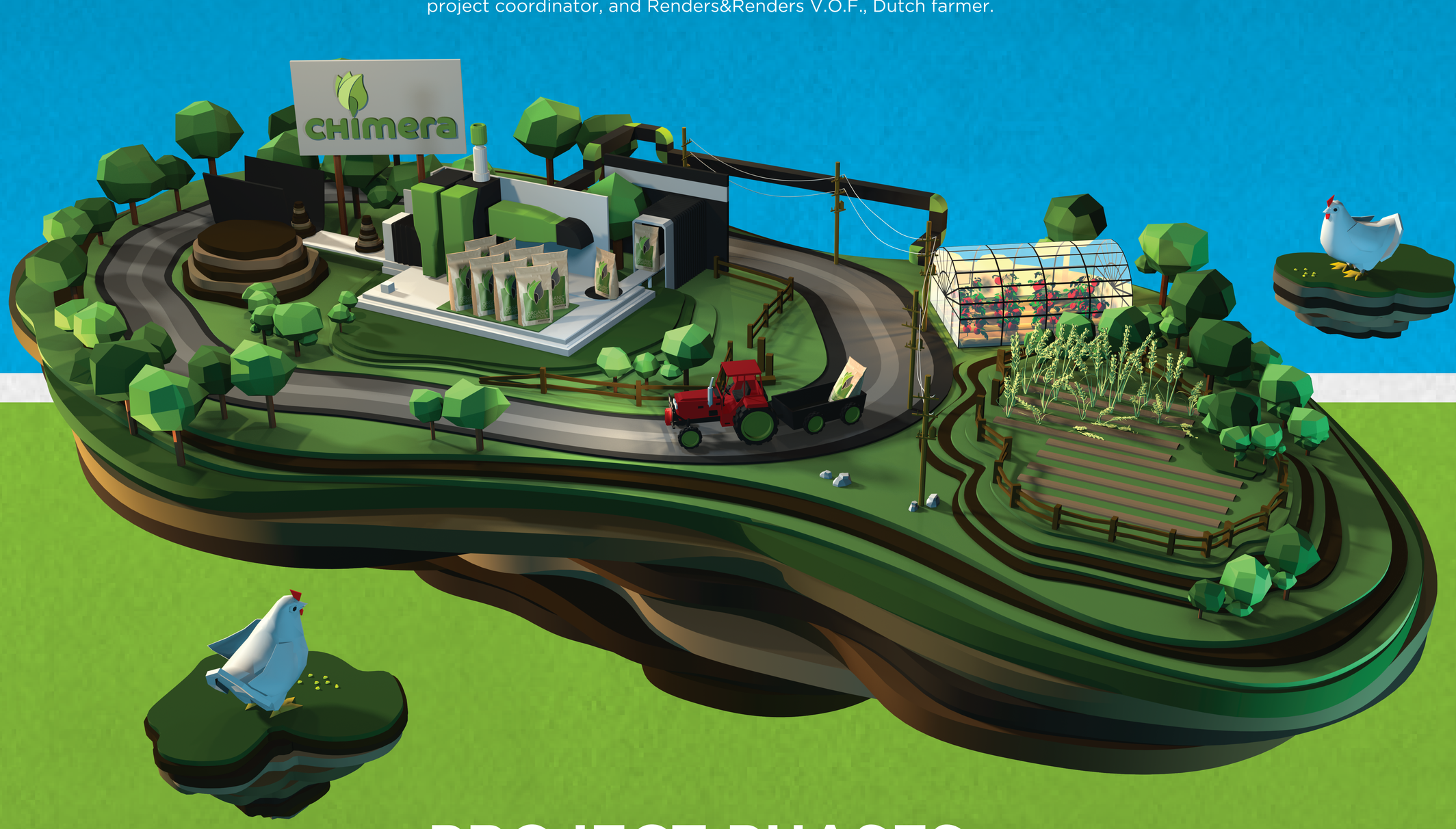
CHIMERA

BUILD ECO PRACTICES

Project title: **CHIMERA - CHIckens Manure Exploitation and RevAluation**
Project acronym: **LIFE-CHIMERA**
Project number: **LIFE15 ENV/IT/000631**
Partners: **TRE P ENGINEERING SRL, Marche, Italy**
Renders & Renders V.O.F., Noord-Brabant, Netherlands
Start date: **01/07/2016** | Expected end date: **31/12/2019**
Duration: **42 Months**
Eligible Costs : **2.170.099 €**
EU contribution : **1.294.458 €**

CHIMERA reinvents the chicken manure disposal process. Chicken manure is an organic waste and rarely perceived as a polluting agent, however, it is rich of toxic elements such as nitrogen oxide (N2O), ammonia (NH3) and methane (CH4) that contaminate air, soil and groundwater. Nowadays, chicken manure disposal is twofold: the waste is either bestowed to waste-to-energy plants or directly broadcasted on the ground. Costs related to storage, transport, disposal and/or broadcasting are high for the farmer.
CHIMERA solves all issues related to waste management. A “ready and easy to use” solution that works in small farms or farm districts for meat (broiler) and/or eggs production. The dimension of the plant is limited and can be installed within the farm.
CHIMERA’s ambition consists of transforming waste into a fertilizer while producing energy.
CHIMERA solution: from manure to flowers!

This project becomes true thanks to the EU financing of the LIFE programme, GA n. LIFE15 ENV/IT/000631, and the collaboration between Tre P Engineering Srl, Italian engineering company and project coordinator, and Renders&Renders V.O.F., Dutch farmer.



PROJECT PHASES

July-December 2016: pilot plan design and permits requests in Italy and the Netherlands.
January-September 2017: assembling and test of combustion and fertilizer units through the installation of 2 prototypes in Italy.
September 2017 to the end of 2018: pilot plant assembling in the Netherlands, validation and demonstration activities, replicability analysis.
January-December 2019: monitoring of performance indicators, LCA and study on the socio-economic impact of CHIMERA.
During the whole duration of the project, we will involve stakeholders in the External Users Advisory Board.

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