

# GRAMMA – Green Asset Management

The Effective Photovoltaic Greenhouse

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22-23 Oct 2015, TBB Berlin



# The Problem – Farming model under pressure



Farming margins (particularly in Europe) have come under pressure due to:

- Higher input costs (among them energy)
- Lower prices

**Integrating energy production with agriculture could be a solution...**

...But not at the expense of the farming activity

## The Idea – Photovoltaic Greenhouse



Photovoltaic (“PV”) greenhouses could be a solution through:

- Electricity production
- Cost synergies
- Increased agricultural production as compared to open field

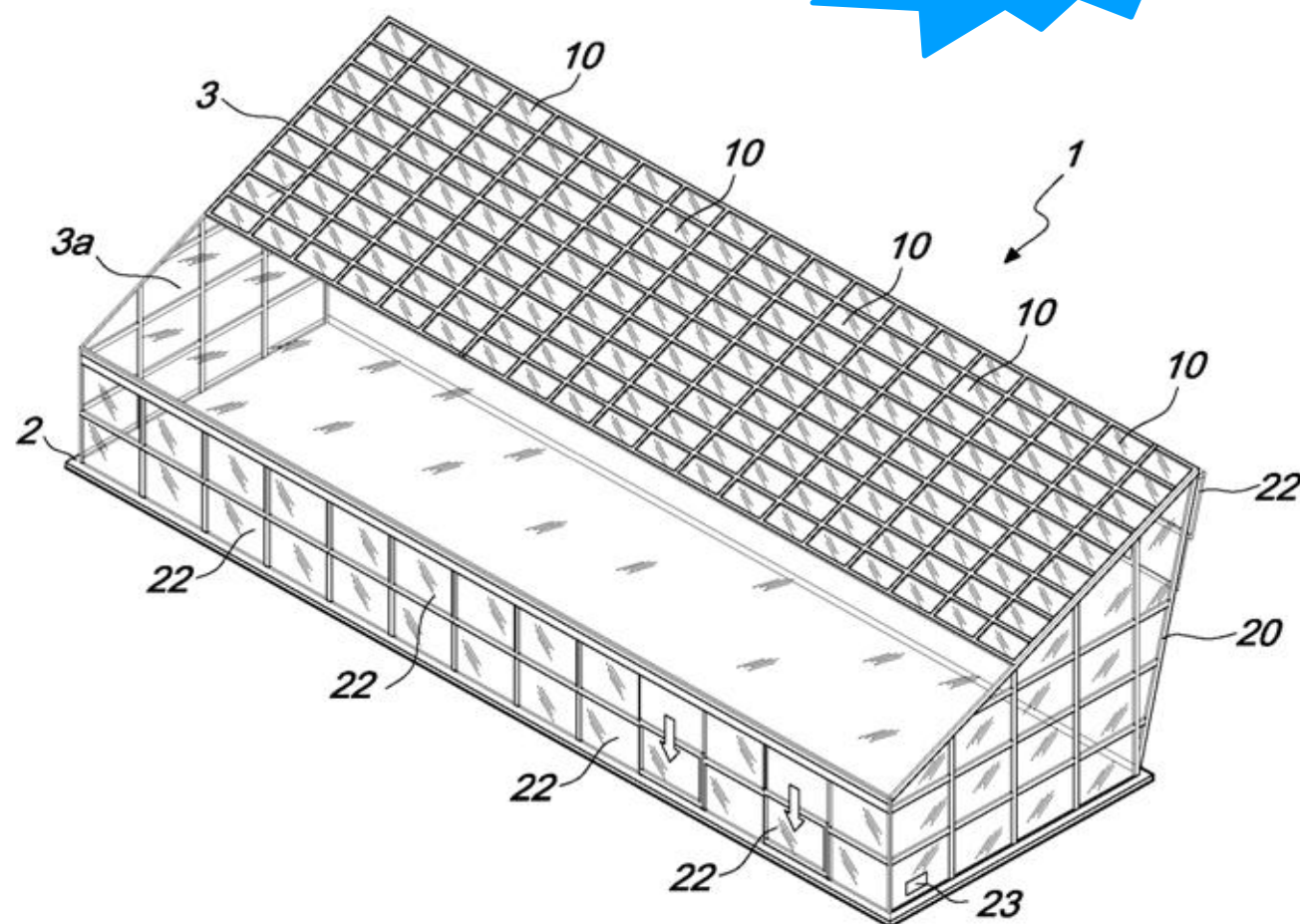
But....

Existing PV greenhouses (only competitor today) do not work



# The Solution – The Effective PV Greenhouse (EU patent 2 294 910 A1)

Simple  
is cheap



Gamma's bespoke greenhouse design allows for:

- >90% of available light reaching the cultivated surface
- High power density with ca. 1MWp/Ha of greenhouse
- **Lowest cost solution as capable of using any PV technology**



# The Unique Value Proposition



From Southern Italy to...

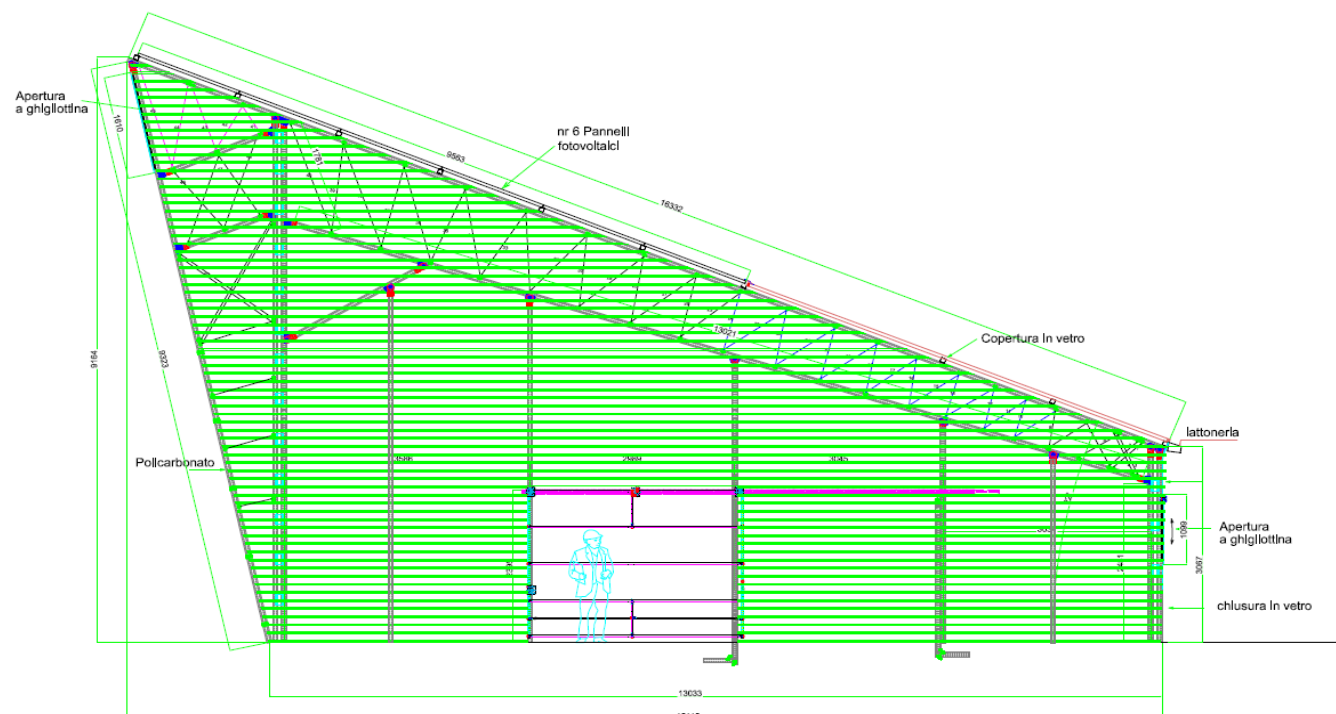
...Northern Germany



GRAMMA is the only company on the market  
with a proven track record



# The Business Model



Gramma has performed a cost optimisation process to bring the cost of the Effective PV Greenhouse in line with traditional, non-PV greenhouses of comparable quality and duration

GRAMMA has an industrial solution, which it markets on a country by country basis



# Our markets



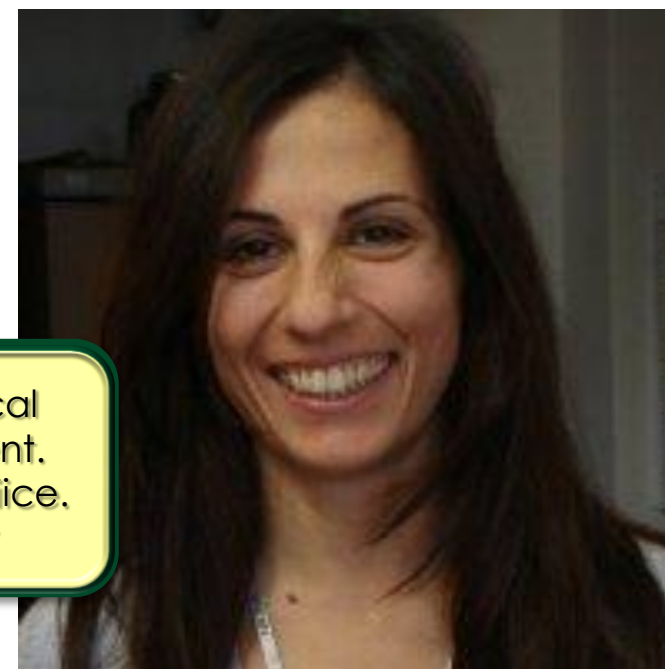


## The Team



**Philip Prause:** Gramma co-founder and CEO of Cultiveco. Responsible for the commercial activities in Germany, France and new markets. He previously worked for 8 years in the finance industry in London and Hong Kong and has a degree in economics and business from Maastricht University

**Antonella la Tegola:** responsible for the agronomical experimentation and ongoing product development. She has extensive horticulture experience and practice. She graduated in Chemistry at the Bari University









Thank You!





# Thank you Any questions?

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