

# Dronecoria

Lot Amorós

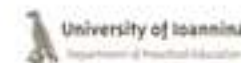
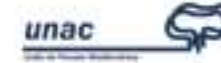
Innovative businesses and entrepreneurship for non-wood forest products: opportunities for the rural economy

28 February 2020

Coordinator



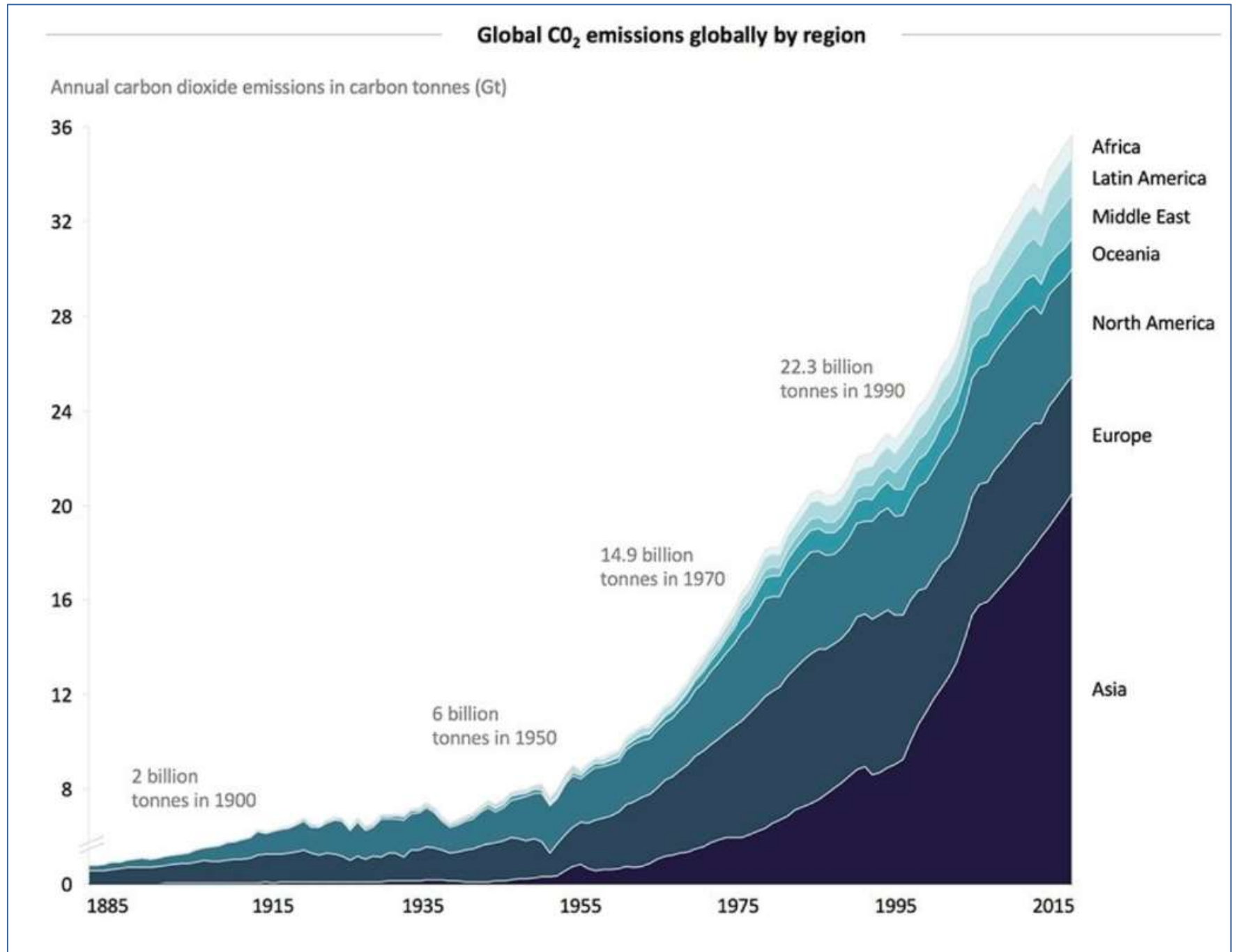
Partners















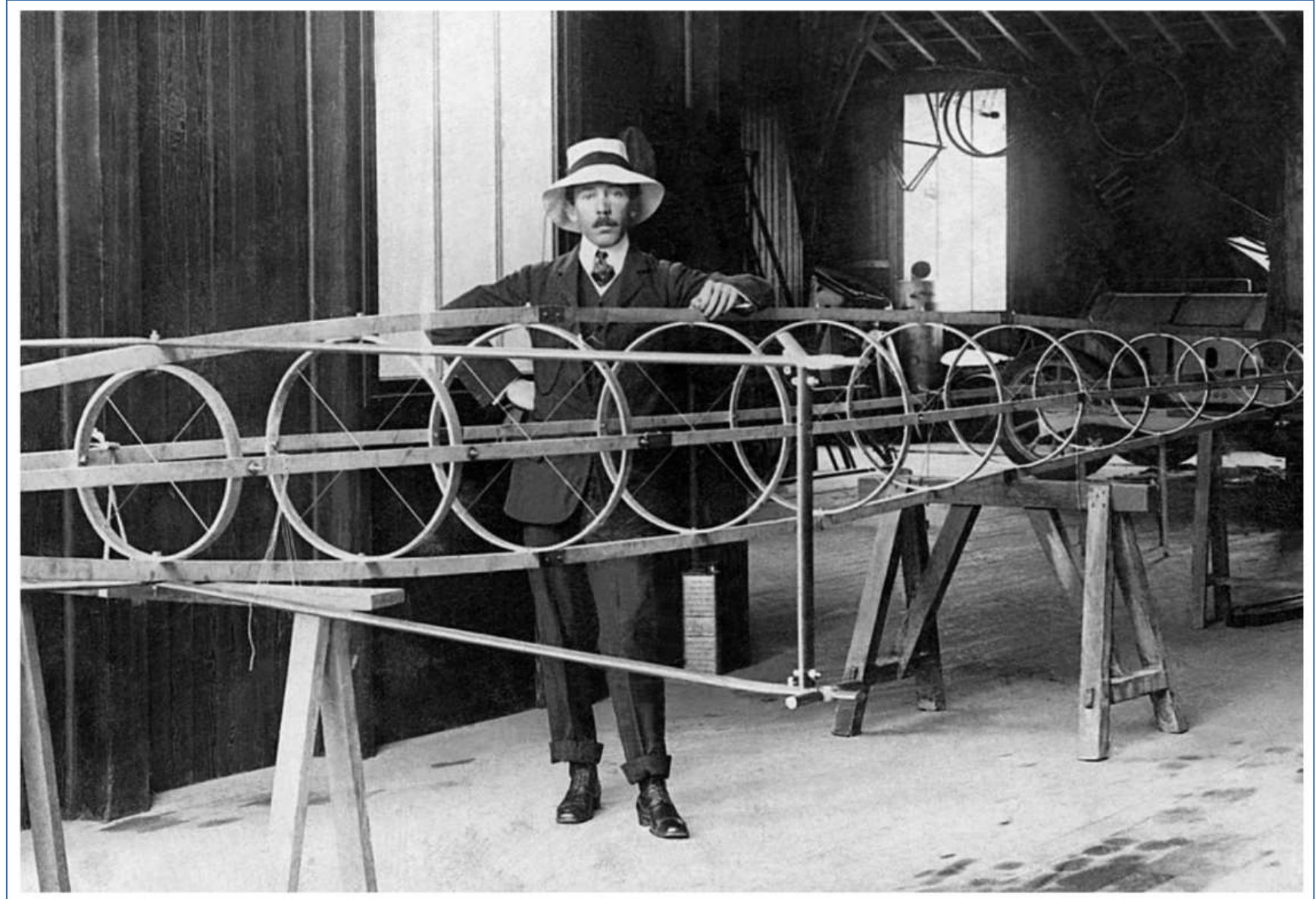








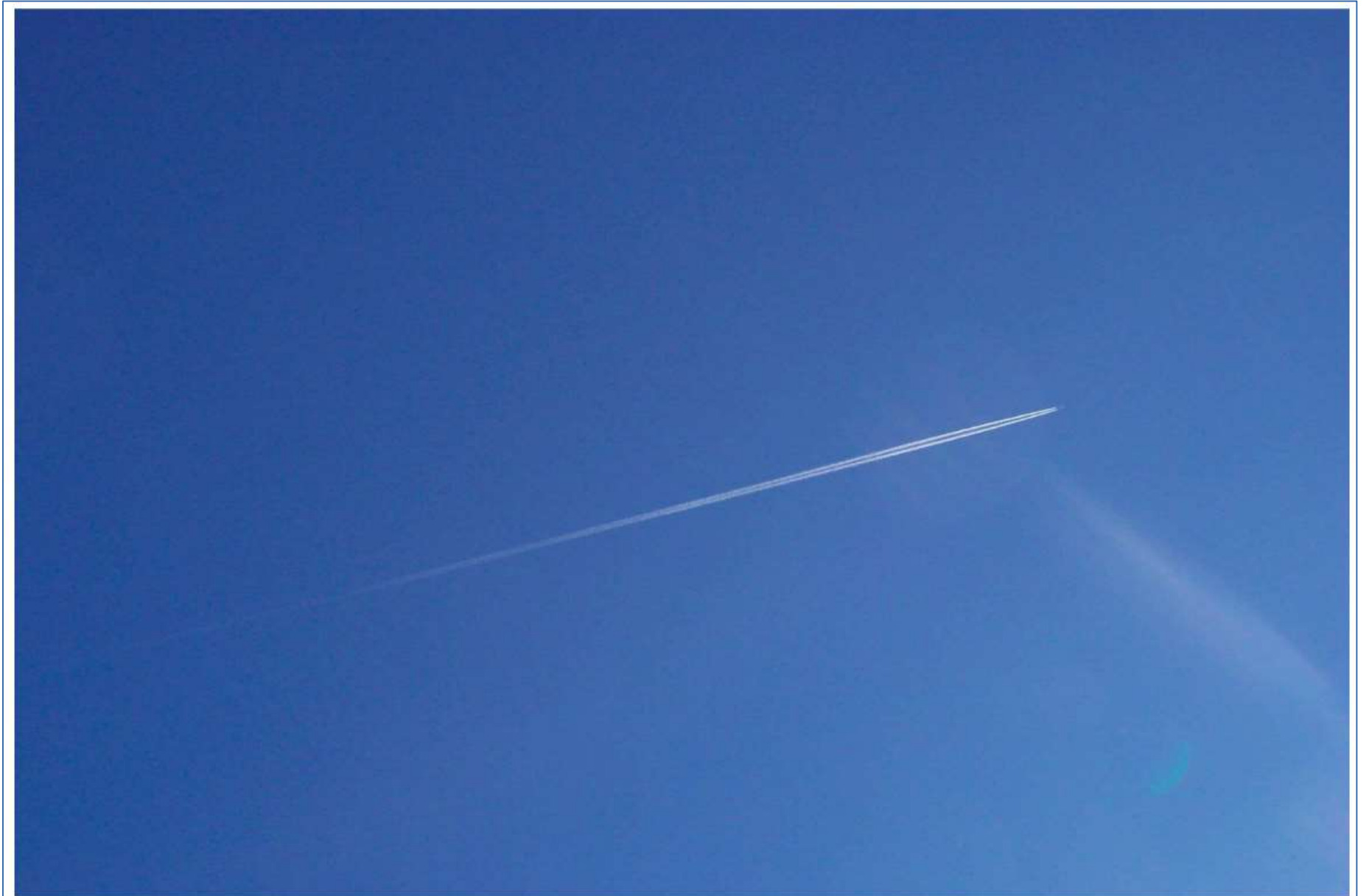








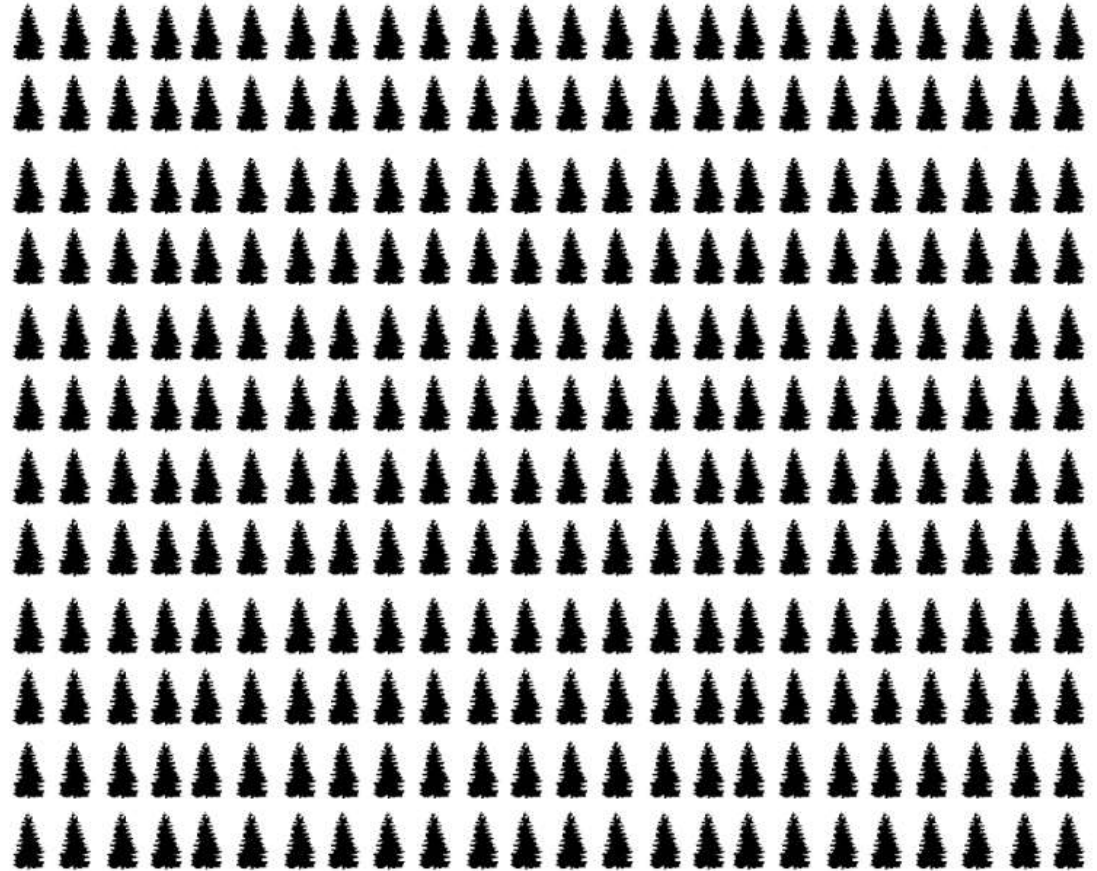












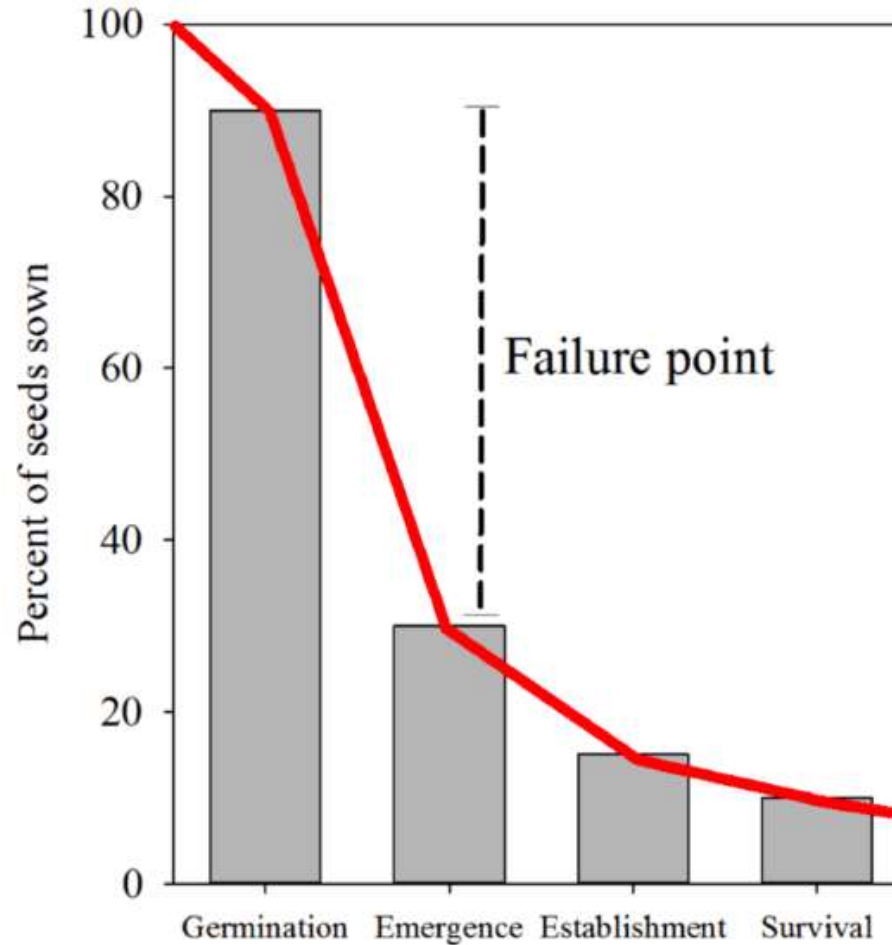


**+ Germination**  
**+ Nutrition.**  
**+ Protection.**

**- Predation.**  
**- Funghi attack.**



# Seed enhancements can unlock the restoration roadblock constraint



Courtesy Jeremy James





# MATERIALS FOR ECOLOGICAL COATING OF SEEDS

## LAYER 1 BIOPROTECTION



**GARLIC**  
Reduces the appearance of bacteria, viruses and fungi.



**ASH**  
It provides mineral elements and regulates the acidity of the soil.



**DIATOMACEOUS EARTH**  
Improves soil fertility and protects against pathogens.



**BINDERS** The materials of each layer must be joined by adhesive substances.  
Alginate, banana, agar-agar, gela na, gum arabic, vegetable oil, milk powder or cornstarch

\* All the elements in each layer must be used in powder or as an infusion

## LAYER 2 NUTRITION



**HUMUS**  
Rich in microbial flora and regulates soil ph.



**LIQUID BIOFERTILIZER**  
Stimulates growth of plants



**EFFICIENT MICROORGANISMS**  
It regulates the populations of microorganisms, protects against fungi and pathogens, and increases fertility



**CHARCOAL**  
It improves the fertility, retains nutrients and it provides phosphorus.



**WATER RETENTION**  
Hydrogel or calcium carbonate

## LAYER 3 EXTERNAL PROTECTION



**CLAY**  
Low cost material for moisture retention and protection from the sun.

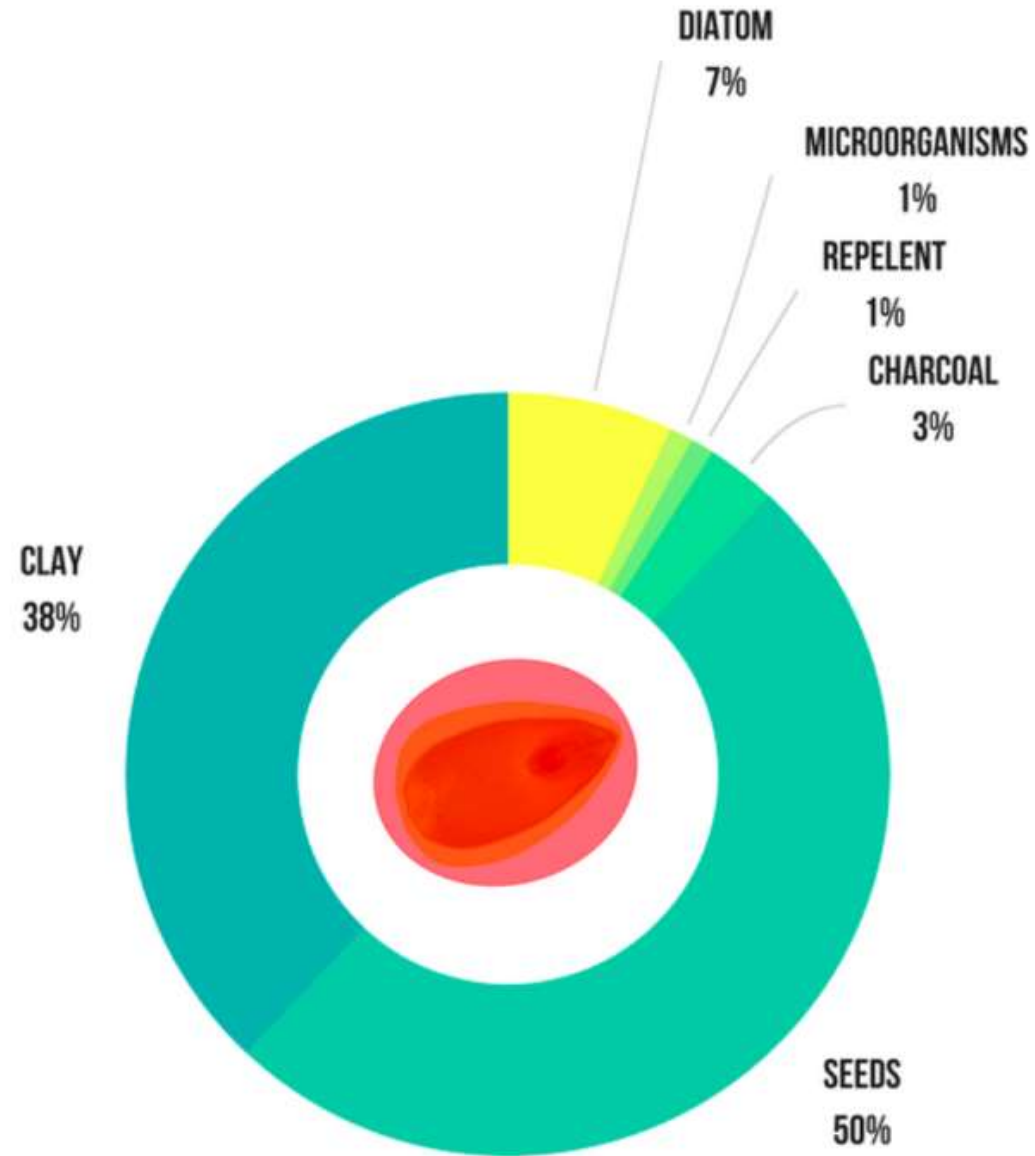


**DOLOMITE LIME**  
It provides calcium, magnesium and protects against fungi. It helps to correct the acidity of the soil.

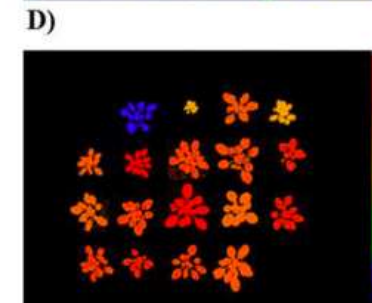
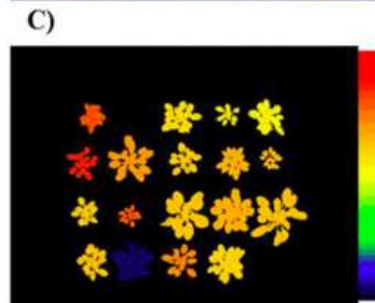
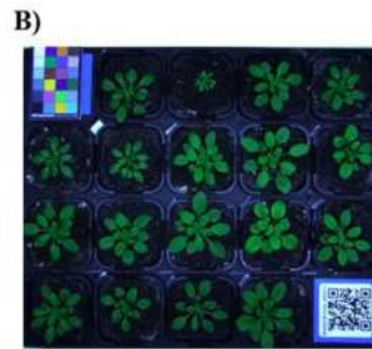
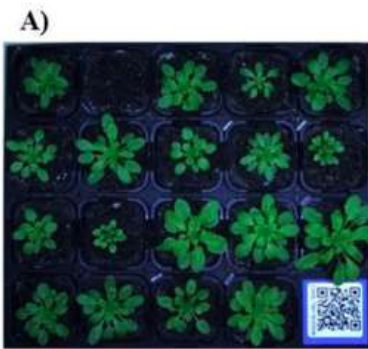
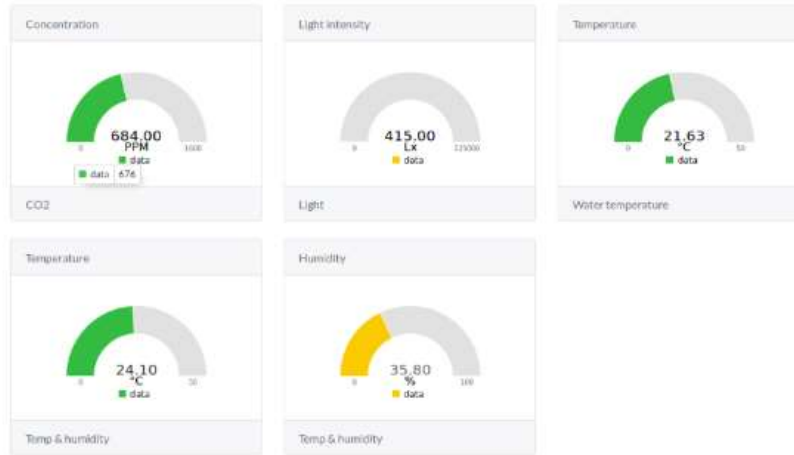


**INSECT REPELLENTS**  
Cloves, pepper, tobacco, sesame, lavender, turmeric, chili or vinegar.









**Astroplant by  
European Space Agency**



**1 ha in 10 min.  
10 kg of seeds.**





**SeedBomb**  
**500.000 seeds.**



# Real World Test

## 30 Ha

**Find the best spot for every seed.  
Making every seed into a winner.**







*Live in [indiegogo.com](http://indiegogo.com)*

<http://igg.me/at/dronecortia>



**DRONECORTIA** 

OPEN SOURCE RESTORATION





<https://www.youtube.com/watch?v=4xdAgcfuR3c&feature=youtu.be>

## Thanks for your attention

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**INCREDIBLE** receives funding from the European Commission's H2020 programme through the RUR-10-2016-2017 call, Thematic Networks compiling knowledge ready for practice

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