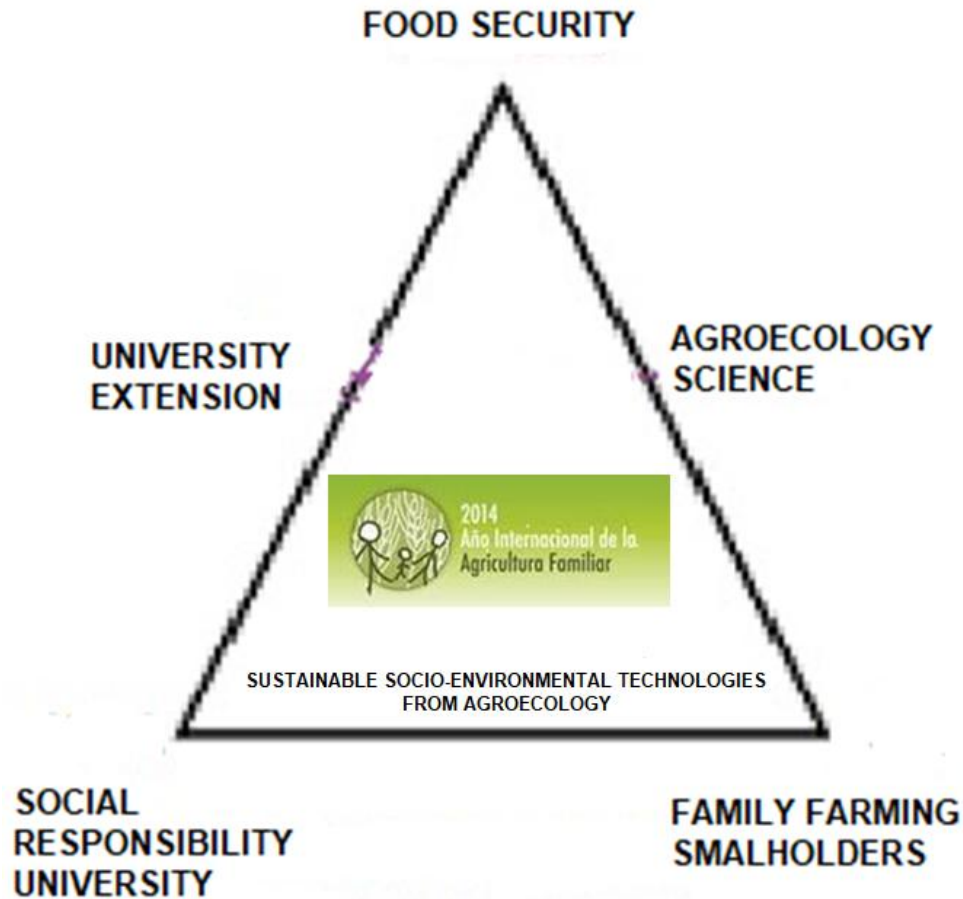


TO YOU DEVELOP SUSTAINABLE FOOD SECURITY PROGRAMS ANYWHERE ON WORLD





- Overall, this webinar was created to **connect people and institutions** that plan to drive the socio-environmental transformations that the world is in urgent need of, before this same world is destroyed by global warming and its disastrous evil consequences;
- *"And those who danced were considered crazy by those who did not hear the music".*
Nietzsche
-
- In other words, I dedicate this webinar to new world leaders with a **humanist, conservationist and preservationist vision**, who are flourishing in the most different places on the planet. This positivist constructivist force must be brought together;
- *"Never doubt that a group of conscious and engaged people can change the world. In fact, that's how the world has always changed".*
Margaret Mead
-
- So, I hope not only to encourage you to find your own questions for today's socio-environmental issues, but also to help you find your own answers to what you can do concretely about it, **as opposed to the expansion of predatory developmentalism**, which is insensitive to holistic eco-humanism.
- *"I want to be remembered as someone who loved people, animals and all biodiversity".*
Paulo Freire



Family Farming - Smallholders

- These informations was prepared by International Fund for Agricultural Development (IFAD) and the United Nations Environment Programme (UNEP) under the guidance of senior management of UNEP's World Conservation Monitoring Centre (UNEP-WCMC).
- 1) Smallholders form a vital part of the global agricultural community, yet they are often neglected;
- 2) Smallholders manage over 80 per cent of the world's estimated 500 million small farms and provide over 80 per cent of the food consumed in a large part of the developing world, contributing significantly to poverty reduction and food security. Yet small-scale farmers often live in remote and environmentally fragile locations and are generally part of marginalized and disenfranchised populations;
- 3) Smallholder productivity in particular depends on well-functioning ecosystems;
- 4) Growth in agricultural production to meet rising global needs using prevailing farming practices is unsustainable a transformation is needed.
- CONCLUSION
- With the right conditions, smallholders can be at the forefront of a transformation in world agriculture



University Social Responsibility

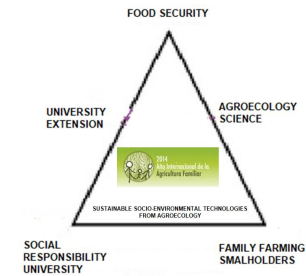


- **Fighting against hunger and famine around the world.**
- **This problem will be solved with courage and wisdom combined with modern and advanced science and technology.**
- **The Universities can contribute to this solution by searching for science and developing new technologies with this focus.**
- **If there is hunger, it is necessary to produce food every day, and not only during a specific moment of famine.**
- **This food needs to be rich in protein, calories and minerals, in order to guarantee an efficient growth, mainly of children.**
- **The Universities must develop researches based on the necessity of the people. These researches must be part of the university's official policy.**
- **The Universities must apply part of their monetary resources towards this finality, and scientists must use part of their time to look for a solution to this ancient and evil problem.**



-
- I am looking forward to the emergence of new entrepreneurs and leaders who no longer stupidly declare that "global warming is leafleting", that "the pandemic is just a little catch". I hope that companies will hire people who have commitments to a clean and unpolluted life, associated with socio-environmental awareness, namely:
 - Economically viable; Ecologically correct; Socially fair, Culturally appropriate, Technologically appropriate and Scientifically proven;
 - *"If you think instruction is expensive, then experience ignorance."*
Abraham Lincoln
-
- I look forward to seeing a world led by people passionate about nature, who dream of making a balanced fraternal change on this threatened planet on which we live. I hope to see entrepreneurs motivating and selecting their team members in **an eco-humanistic way**, offering help even when it is not necessary. May the passion in cooperating with what they do become as common as their daily tasks.
 - *"Start by doing what is necessary, then what is possible, and suddenly you are doing the impossible."*
St. Francis of Assisi

Food Security



International donations, which are periodic, unstable and insufficient.

These donations are done by another countries, similarly to the donations to areas that suffered natural incidental disasters and they do not produce social development (do not generate either employment or income).

They create external dependency, that when prolonged, denigrate human dignity, and we know that both honor and dignity are essential features of human personality.



Therefore, we conclude that the people are grateful for the external help, but they do not want to live depending on these international donations forever.

The people want to have the right to their own self-determination, as they have always done.

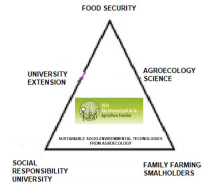
<A country can only be strong, powerful, independent and sovereign, if and only if it produce its own food and not rely on others to feed themselves> (Gilmar Tavares)





- The world is tired and no longer supports "robots" who are willing to work hours and hours in exchange for a measly and unfair salary. **The world needs basic and fundamental foods, not commodities** that are speculated on the stock exchanges. You cannot eat eucalyptus, soy cake and sugarcane bagasse. You can't eat money;
- **"If I knew I would die tomorrow, even then, today I would plant a tree."**
Martin Luther King
-
- The world needs renewed, diverse and anxious mindsets **to cause life impacts in healthy abundance**, people who can lead the balanced march towards a better future, a future that is built for everyone and not just for some opportunistic and inconsequential human-parasites.
- **"The fight will continue as long as there is injustice and the only loser will be the one who leaves the fight."**
Rose Luxemburg

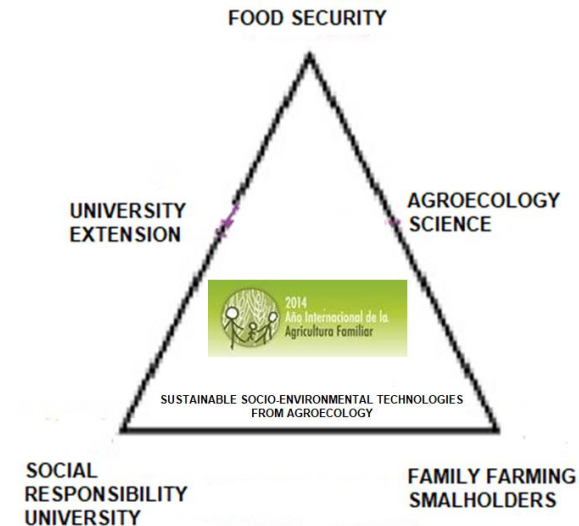
AGROECOLOGY SCIENCE



- It is the Science that provides the basic ecological principles for the study and treatment of ecosystems that are both productive and preserving natural resources, thus providing a sustainable agro-ecosystem;
- the proposal is to combine academic / technical scientific knowledge with popular knowledge, joining what science knows and / or research to what is done in daily life, fruit of the knowledge acquired through life experience, culture, options and local techniques.

SUSTAINABLE SOCIAL ENVIRONMENTAL TECHNOLOGIES **FROM AGROECOLOGY**

- Economically viable,
- Ecologically correct,
 - Socially just,
- Culturally appropriate,
- Technologically suitable,
- Scientifically proven.

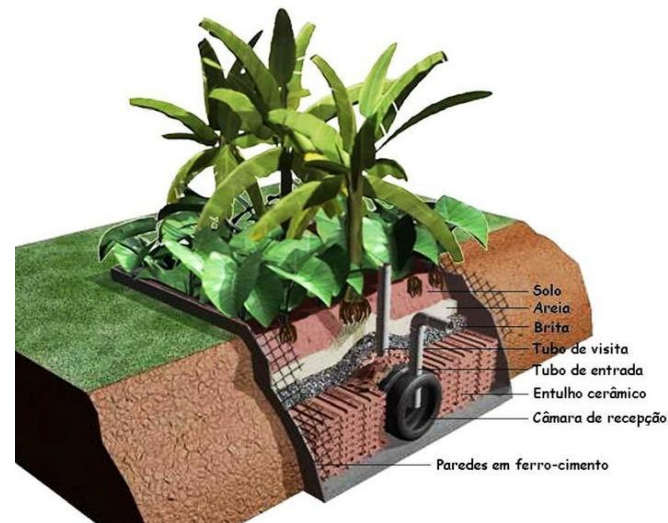




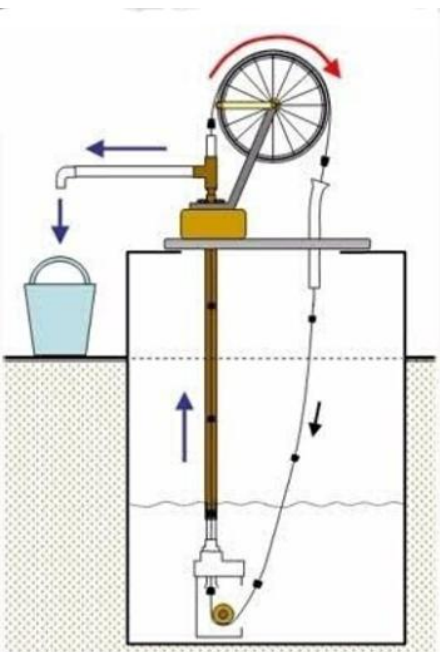
COMPOSTING



BIOFERTILIZER



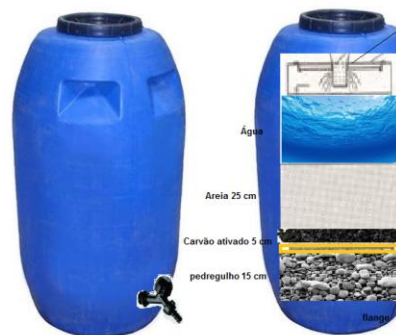
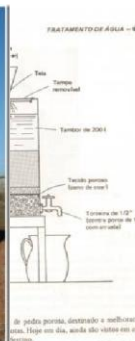
EVAPOTRANSPIRATION BASIN



HAND WATER PUMP



STORAGE SURPLUS



ECO WATER FILTER



ECO BRICK



PIG WASTE TREATMENT



WORM BREEDING

EXAMPLES:
SUSTAINABLE SOCIAL
ENVIRONMENTAL
TECHNOLOGIES
FROM AGROECOLOGY

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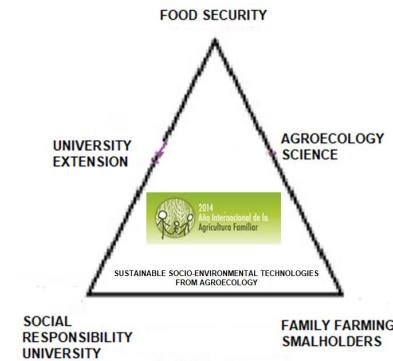
- Through each of you, my mission, vision and values have become clear, so I **feel an obligation to connect the people around me**, as you have done with me;
- "Everything you do in life will be meaningless, but it is very important that you do it anyway."

Mahatma Gandhi

- Your general achievements can positively impact someone someday, and this is a chance that I am willing to pursue. This world is full of superficial and monotonous faces. **We need bold and audacious dreamers. Let's make a difference**, dare to dream, more than that, dream, believe and always walk forward, looking upwards !! Don't stop !!
- "We are strong to face our fears. We are also strong to bank our dreams, to take risks, to correct our mistakes, to fall and get up again, and yet another ...".

Melissa / Bruno / Martin / Nina

UNIVERSITY EXTENSION



- I - Contribution to food and nutritional security and sovereignty;
- II - Sustainable rural development, compatible with the adequate use of natural resources and with the preservation of the environment;
- III - Adoption of participatory methodology, with a multidisciplinary, interdisciplinary and intercultural approach, seeking to build citizenship;
- IV - Adoption of the principles of ecologically based agriculture as a preferential focus for the development of sustainable production systems;
- V - Equity in the relations of gender, generation, race and ethnicity;



- I hope, then, **to be able to help inspire this global change**, to also promote locally, a better future, for me, for my family and for all those I have the privilege of living and / or connecting with;
- **"All men are heroes in dreams."**
Sigmund Freud
-
- At the end of the day, **I'm just a dreamer**, but I believe that, through worldwide and fraternal cooperation, our individual acts of positive kindness have the power to deeply impact the entire world in which we live. If we don't make a difference in the world, however, if we do it to improve each other's lives, it will already be a great start.
- **"A dream is just a wish, until you start acting on it, and you set out to make it a goal."**
Mary Kay Ash

Finally, I would like to leave the following message for everyone



1) Socio-environmental problems such as: Hunger, misery, malnutrition, pollution, **global warming**, are definitely solved with **Science and Technology**;

2) **Universities** need to understand that everyone has **Social Responsibility** and that **science** exists to improve people's lives and environment 's protection but not simply publish scientific papers;

3) **Agroecology** is a viable way to achieve these objectives because it **join** popular knowledge with modern and advanced **science**

4) **Definitive peace** only with the production of basic and fundamental foods for all populations.

People need food !!

5) The displacement ending of the poor and miserable crowds and the end to inhumane, cruel refugee camps will only be possible with food production.

People need food !!



- It is here that the saying “**be bold, be great**” originated. This is the dream I intend to accomplish, and this is the seed I insist on sowing.
- Reminding
- **Nibiru:** "For the crazy, the wise and dreamers, who believe in obvious things when they are still considered impossible, unimaginable for normal people."
- **Brechet:** "I sustain that the sole purpose of science it is to relief the suffering of human existence."
- **Rubem Alves:** "... the university exists only to help men transform deserts into gardens ..."
- **Driu Kilberg:** "It doesn't matter how long it takes. The important thing is how much you dedicate yourself to making everything possible, and how much you believe in yourself. The magic is in you and in the details that you make up your world. "

PROF. GILMAR TAVARES CLAIMS



- *<A country can only be strong, powerful, independent and sovereign, if and only if it produce its own food and not rely on others to feed themselves>;*



- *<Un pays ne peut être fort, puissant, indépendant, souverain, si et seulement s'il produit sa propre nourriture et ne pas dépendre d'autres pour se nourrir>;*



- *<Um país só poderá ser forte, poderoso, independente e soberano, se e somente se, ele produzir o seu próprio alimento e não depender de outros para alimentar-se>.*

“ Food Security Program to be Applied in Schools, with Family Farming Products Obtained in an Agroecological Way “

(Special Suggestion on Food Security Program)



- It is a **program to combat general food insecurity**, offering nutritious food to children and that were produced by family farming in an agroecological way. It also **contributes to the generation of worth jobs and income** in the communities themselves.
-
- **§-REF 01: Smallholders, Food Security, and the Environment**
- Was prepared for the International Fund for Agricultural Development (IFAD) and the United Nations Environment Programme (UNEP) under the guidance of senior management of UNEP's World Conservation Monitoring Centre (UNEP-WCMC). (2014 - International Year of Family Farming)
- 1) Smallholders form a vital part of the global agricultural community, **yet they are often neglected**;
- 2) Smallholders manage over **80 per cent of the world's estimated 500 million small farms and provide over 80 per cent of the food consumed in a large part of the developing world**, contributing significantly to poverty reduction and food security. Yet small-scale farmers often live in remote and environmentally fragile locations and are generally part of marginalized and disenfranchised populations;
-
- 3) Smallholder productivity in particular depends on **well-functioning ecosystems**;
- 4) Growth in agricultural production to meet rising global needs using prevailing farming practices is unsustainable **a transformation is needed**.
- **§-REF 02: Smallholders face persistent cycles of hunger and poverty. T**
- Smallholder farmers own small plots of land, usually less than an acre in size, and rely primarily on family labor to grow enough food for subsistence and if there's a surplus, for sale. However, even though **these farmers produce four-fifths of the food consumed in Asia, sub-Saharan Africa and Latin America, according UN/IFAD**, low crop yields and uneven seasonal cash flows often mean that farmers face persistent cycles of hunger and poverty. These cycles have existed for generations, but new approaches are emerging to enable smallholder farmers to more effectively obtain the financial support they need to create more sustainable livelihoods for themselves while growing the overall economy.



SCIENCE



CONSCIOUSNESS



PATIENCE



PERSISTENCE



COEXISTENCE



"Obrigado"
有難う
arigatou
ありがとう

Obrigada!



CẢM ƠN.

Thank you

Je vous remercie



Gracias

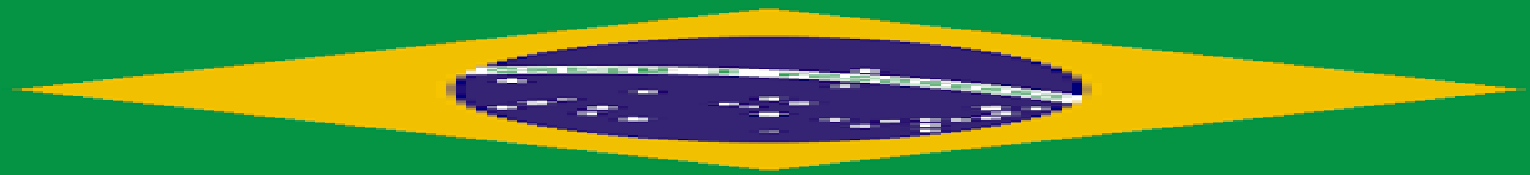
謝謝

אסיר תודה

Dankbar

ممتن





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