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CARFS International Five-Years Plan

Syneccoculture ...

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Before

... After one year

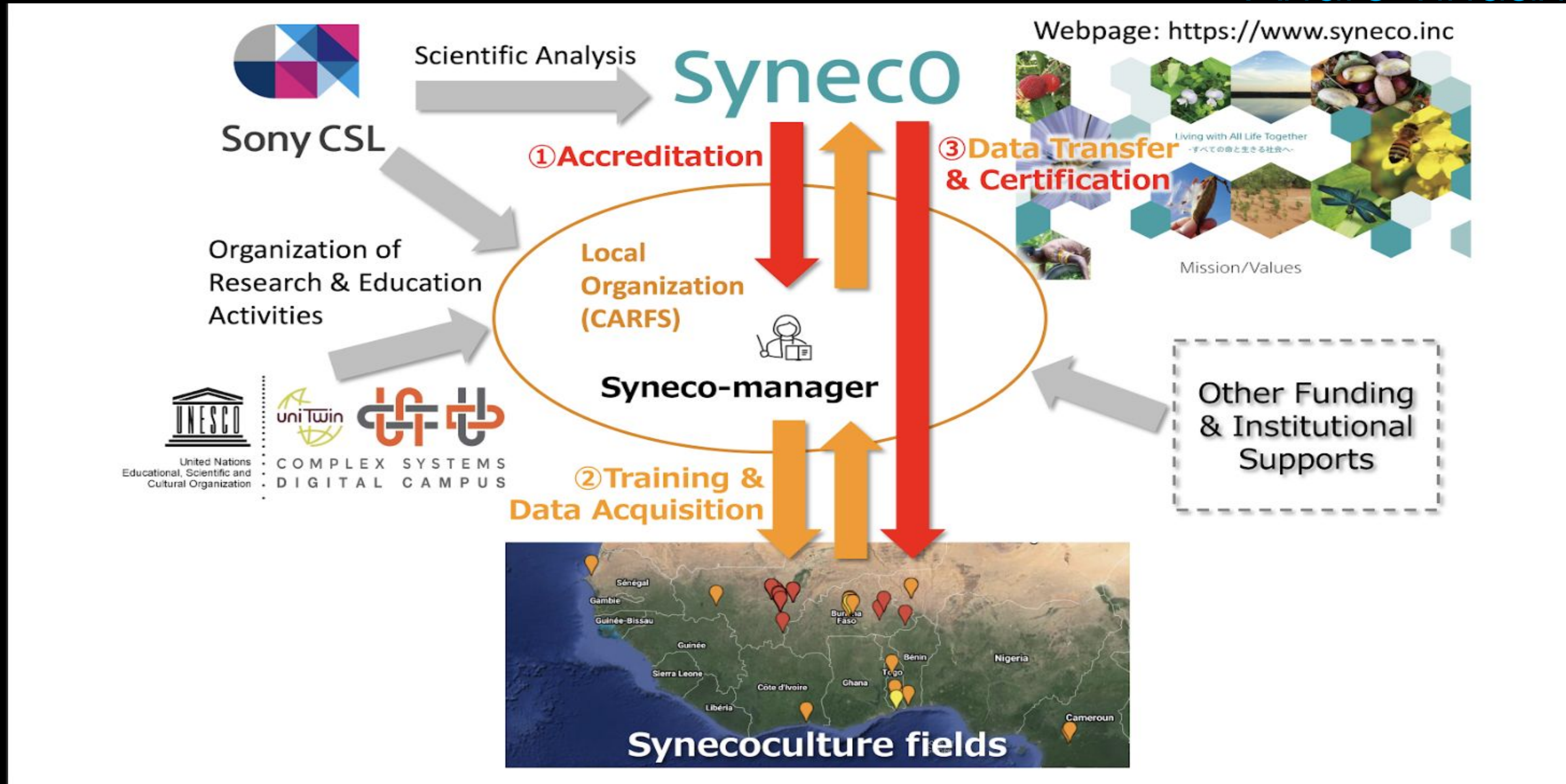
A great new Agro-ecological innovation

->Smart Field ->Smart Food -> Smart Health ...

CARFS ↔ Syneco & UniTwin CS-DC ...



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A Complex Systems Research-Action

Launching a University Campaign ...

André & Paul & Jeff & Yasmin



Synecoculture Campaign involves 11 of the 17 Sustainable Development Goal
30 countries involved

1. Starting with contacts in these 30 countries
2. Inviting these contacts in a CS-DC/CARFS meeting
3. Having new Universities in each countries

for adapting synecoculture to each country

4

... Synecoculture is covering 11 SDGs ...



This 5-years Synecoculture roadmap strongly contributes to at least 11 SDG in African Countries :

- i. the fight against hunger (SDG 2) through high productivity;
- ii. the fight against poverty (SDG 1) through income diversification;
- iii. promoting health and well-being (SDG 3) through quality assurance of harvested foods;
- iv. the promotion of peace, synonymous with the promotion of peaceful societies open to sustainable development (SDG 16);
- v. gender equality (SDG 5)
- vi. free trade and financial autonomy through economic development (SDG 8);
- vii. promote economic and ecological resilience (SDG 9);
- viii. establish sustainable production and consumption patterns (SDG 12);
- ix. the fight against climate change (SDG 13);
- x. the preservation, protection and restoration of biodiversity (SDG 15).
- xi. Similarly, this new commitment to Synecoculture will lead to the opening of partnerships and the achievement of common objectives (SDG 17).

This 5-years Synecoculture roadmap also strongly contributes to the first 10-year implementation plan of 2063 Agenda CAADP (Comprehensive African Agriculture Development Program)

a great Socially Intelligent Roadmap Ecosystem

Knowledge and know-how accelerator and CO2 market



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- The web and mobile application will serve as a “one-for-all and all-for-one knowledge and know-how accelerator”, from the farmer to the consumer by following all the benefits of synecoculture on the 11 of the 17 SDGs
- 300,000 km² of Sahelian synecoculture bring in €500 million/year on the current CO₂ market. With Synecoculture, the gain is above the average which is around 16 tonnes per km² at a price of €100 per ton.

Toward a new 'green revolution' ...



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Synecoculture is a **sustainable method of cultivation** which:

- promotes associations between diverse plant species on a small agricultural space;
 - without the addition of chemical products;
- only use the symbioses between plants and the intrinsic properties of cultivated species;
 - significantly increase productivity and farmers' incomes while restoring/increasing biodiversity.

Thanks to its **socio-environmental and economic advantages**, this new **agroecological technology** fills the **gaps of the green revolution** and adapts **perfectly to any type of climate**

Toward smart territories at all scales ...



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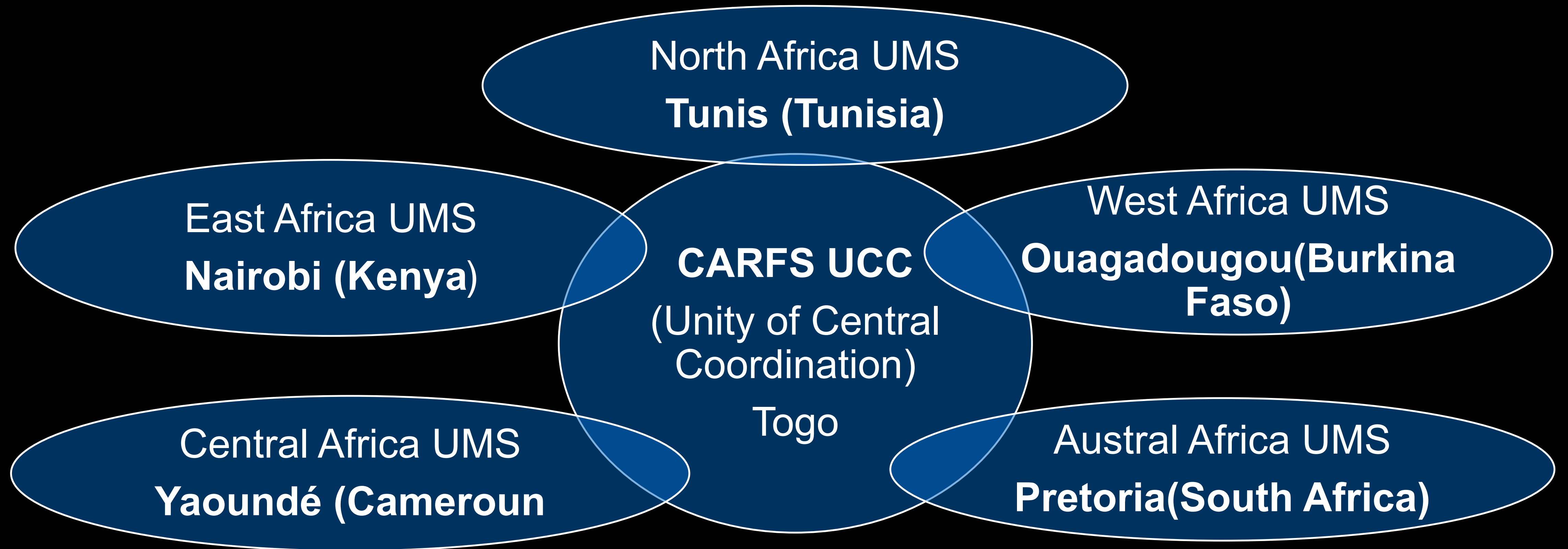
Synecoculture is involved in territorial research-action programs:

- measuring the **best phytosociological associations** between the hundred species of **a typical 0.1 ha exploitation**;
- preserving the **very rich local variety of each species** and their dissemination;
- automating the **supply of water for several exploitations in the most parcimonious way**;
- proposing the Worldwide Wellbeing web application “**FOOD from field to plate**” to orient Synecoculture products **towards the wishes of the end consumer** (as locally as possible)



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The continental level is composed of sub-continental *"Unity of Management of Synecoculture"* (=UMS) for the 30 countries involved

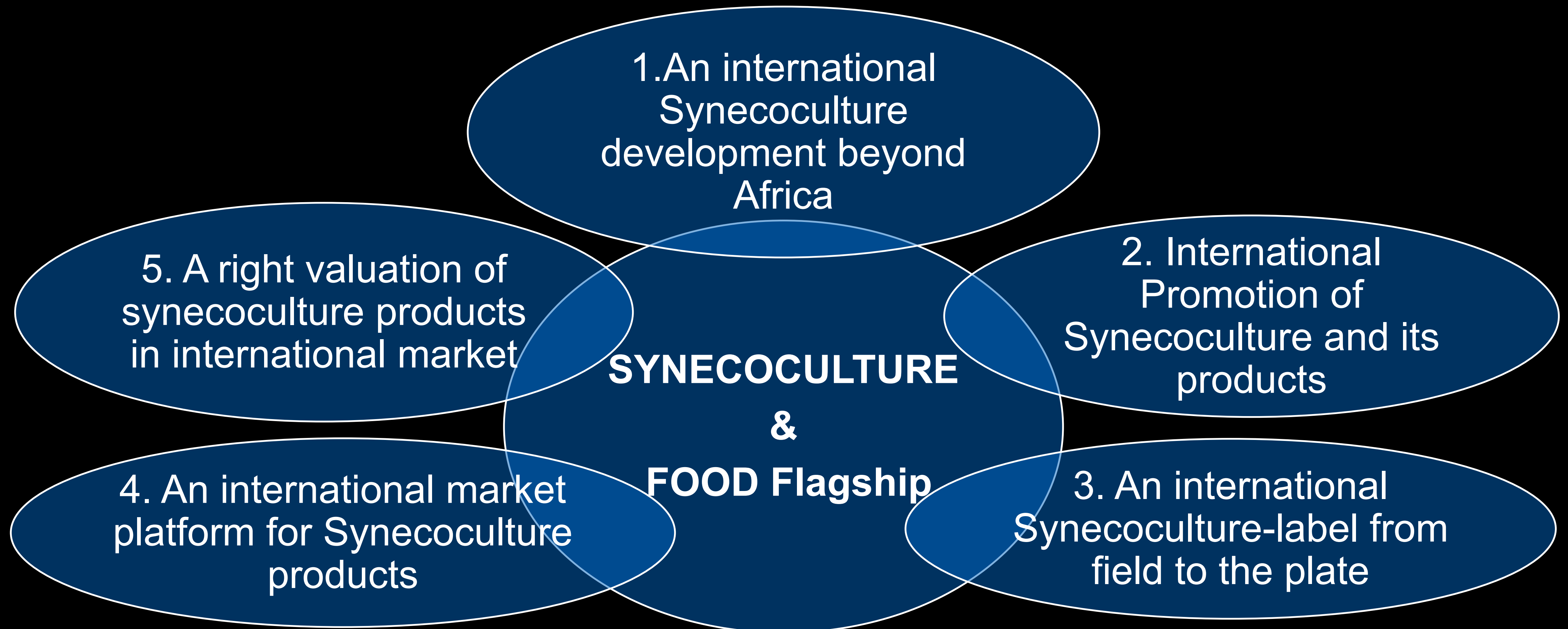


Toward a Change of Scale in the World



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The objectives at the international level are the following by using the *quickest Knowledge & KnowHow Accelerator one-for-all & all-for-one at all territorial levels* for the *Flagship FOOD*



- Thank you for your attention