



SPIRULINA

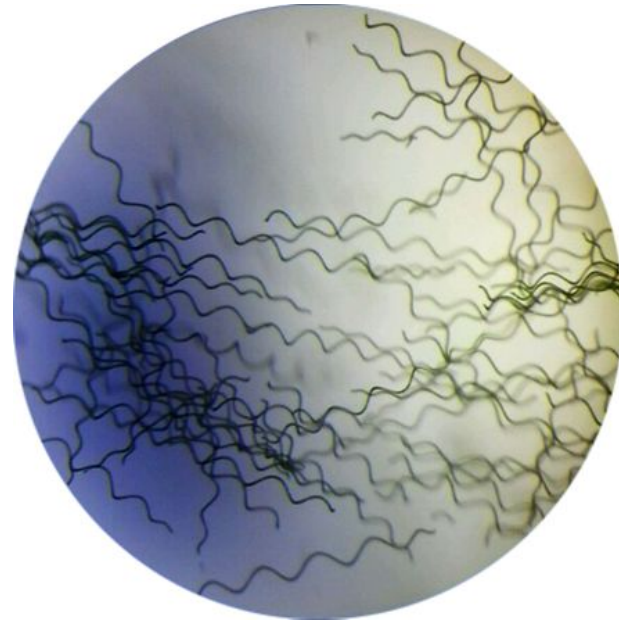
A MICROALGAE TO FEED IN A SUSTAINABLE WAY

26 January 2021 – Danila Chiapperini –
Cofounder ApuliaKundi S.r.l.

ApuliaKundi

Apulian startup

- ✓ Spirulina production, natural, 100% pure and organic;
- ✓ research in the field of micro algae;
- ✓ functional foods with Spirulina;
- ✓ dissemination and awareness activities
- ✓ research activities in the fields of application of algae.

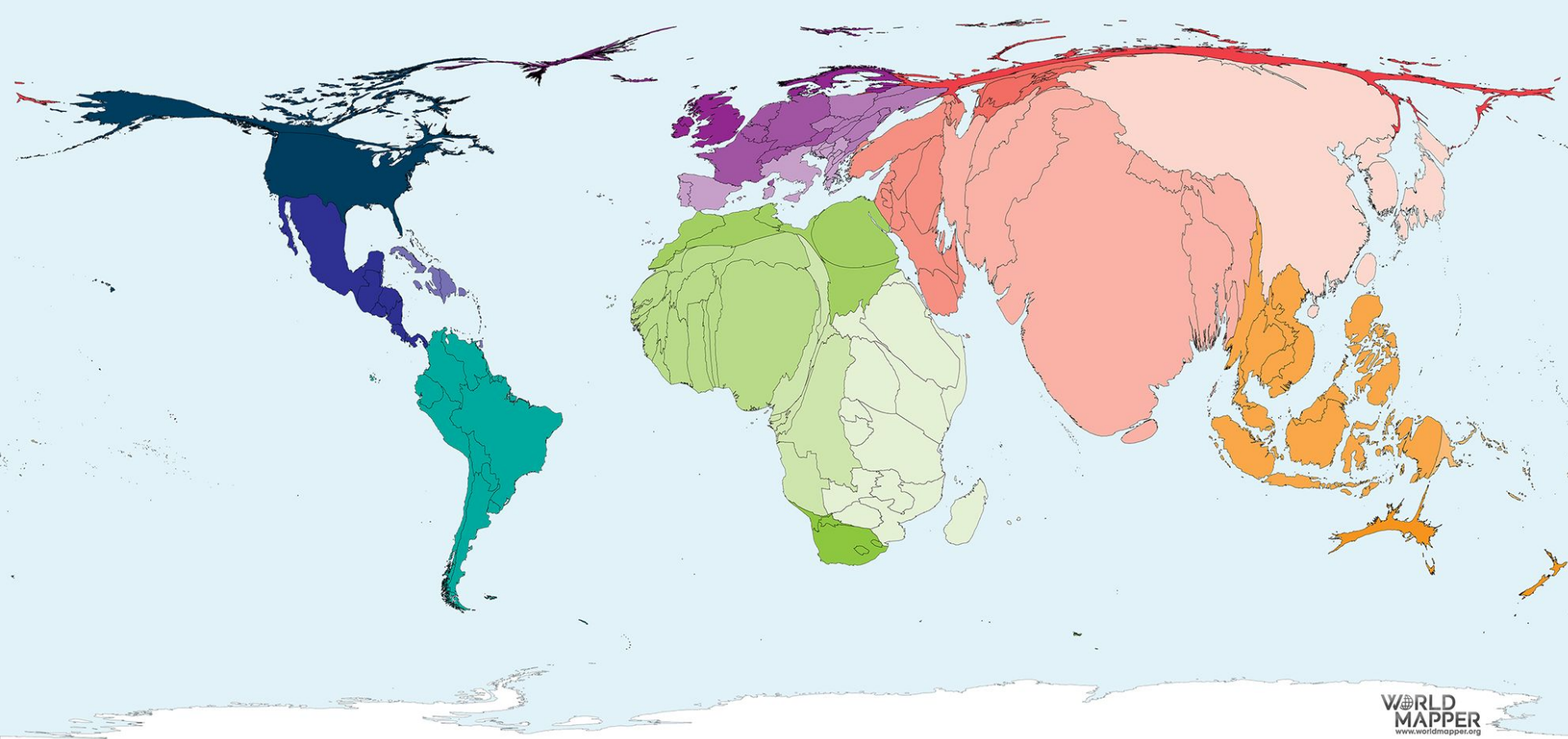


AGRICULTURAL REVOLUTION



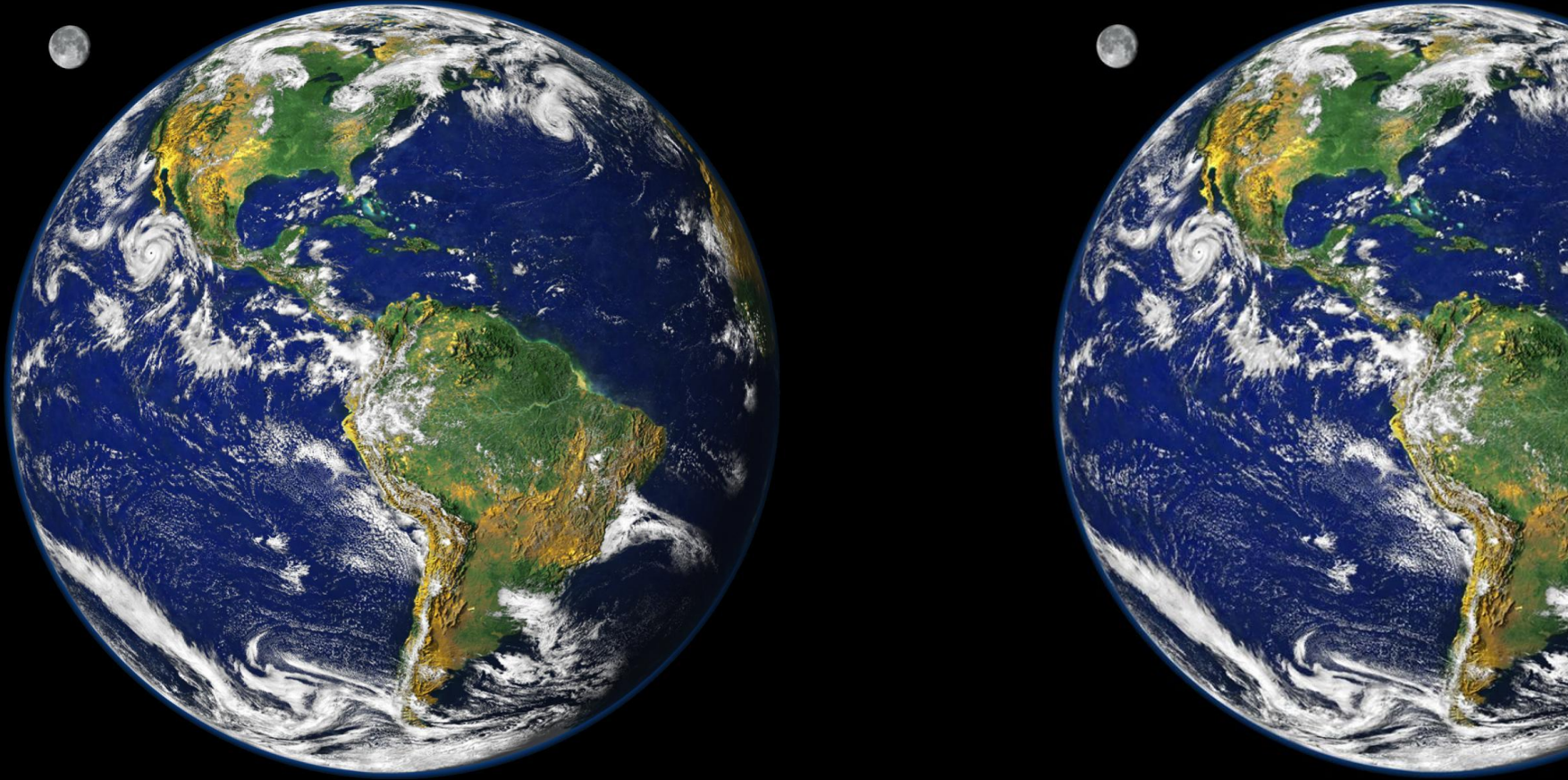
WICH FOOD IN OUR DISHES ?





HOW TO FEED IN A SUSTAINABLE WAY AN INCREASINGLY POPULATED WORLD?

EVERY YEAR WE CONSUME THE EQUIVALENT OF A WORLD AND HALF



To produce 1 kg of meat, we consume 15.500 liters of water and emit 6,18 kg of CO₂ into the atmosphere

SPIRULINA: A POSSIBLE SOLUTION

The Food of the future

(FAO 2007)

Spirulina is the vegetable food with:

- the highest protein content, 60-65% (three times the proteins of meat)
 - minerals such as iron, magnesium, potassium, calcium, phosphorus, zinc and the rare selenium;
 - vitamin A, vitamins of B group (B1, B2, B3, B6, B12)
C vitamin , E, K, H;
- Antioxidants
- Omega 3, 6



SPIRULINA IS GOOD FOR HUMAN AND THE ENVIRONMENT



- ✓ We use 1/50 of the water to obtain the same proteins as beef;
- ✓ For each Kg produced of Spirulina, 2 Kg of Co₂ from the environment are fixed;

GROWING SPIRULINA HAS LOW ENVIRONMENTAL COSTS



- ✓ It does not cause soil erosion;
- ✓ It does not cause water contamination or forest destruction;
- ✓ it does not require the use of toxic pesticides and herbicides;

SPIRULINA APULIAKUNDI



- ✓ 100% Pure
- ✓ Natural
- ✓ Made in Italy
- ✓ Organic
- ✓ Sustainable

SPIRULINA BENEFITS

NATURAL SOURCE OF IRON

It's Bioavailable thanks to the presence of C vitamin

ENERGIZER

Is a SUPERFOOD with a complete nutritional profile

DETOX

It cleanses the body of heavy metals

REDUCES THE HUNGER SENSE

It accelerates metabolism

LOWER THE GLICEMIC INDEX

It maintains the right blood sugar level

LESS BAD CHOLESTEROL

Decreases bad cholesterol

ANTIOXIDANT

Counteracts the action of free radicals and maintains skin elasticity

INCREASES RESISTANCE

Thanks to the presence of protein, vitamins, magnesium and potassium

FAVOR CONCENTRATION

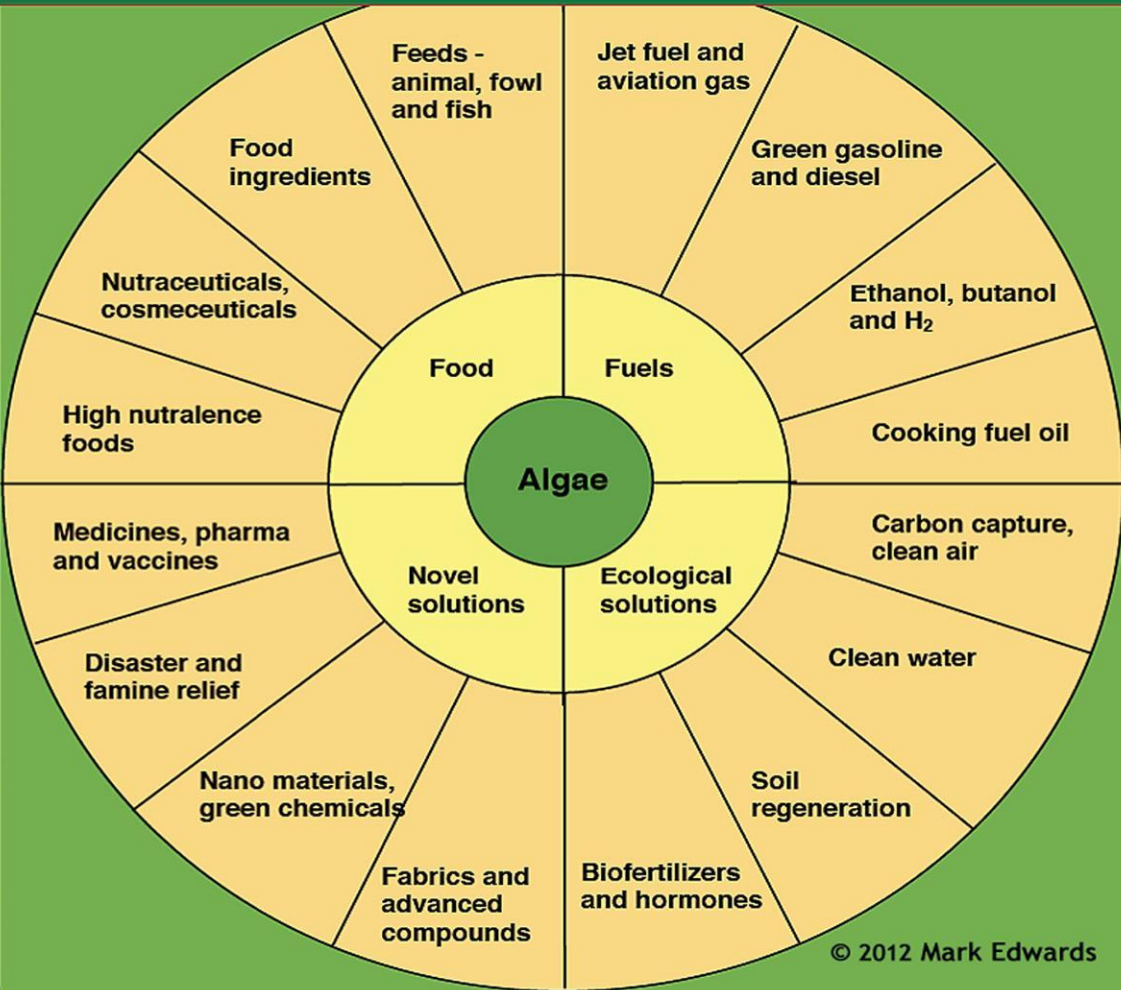
Thanks to the presence of phosphorus

Spirulin aK





Algae Products and Solutions



© 2012 Mark Edwards

Algae cultivation can represent a strategic activity in the blue economy not only for its low environmental impact, but also for its wide fields of application.

MILESTONES



2012:
Winning
Principi Attivi
REGIONE PUGLIA



2014:
Winning
Bio PlugIn
ORDINE NAZ. BIOLOGI



2015:
Winning Valore
Assoluto 3.0
CCIAA Bari



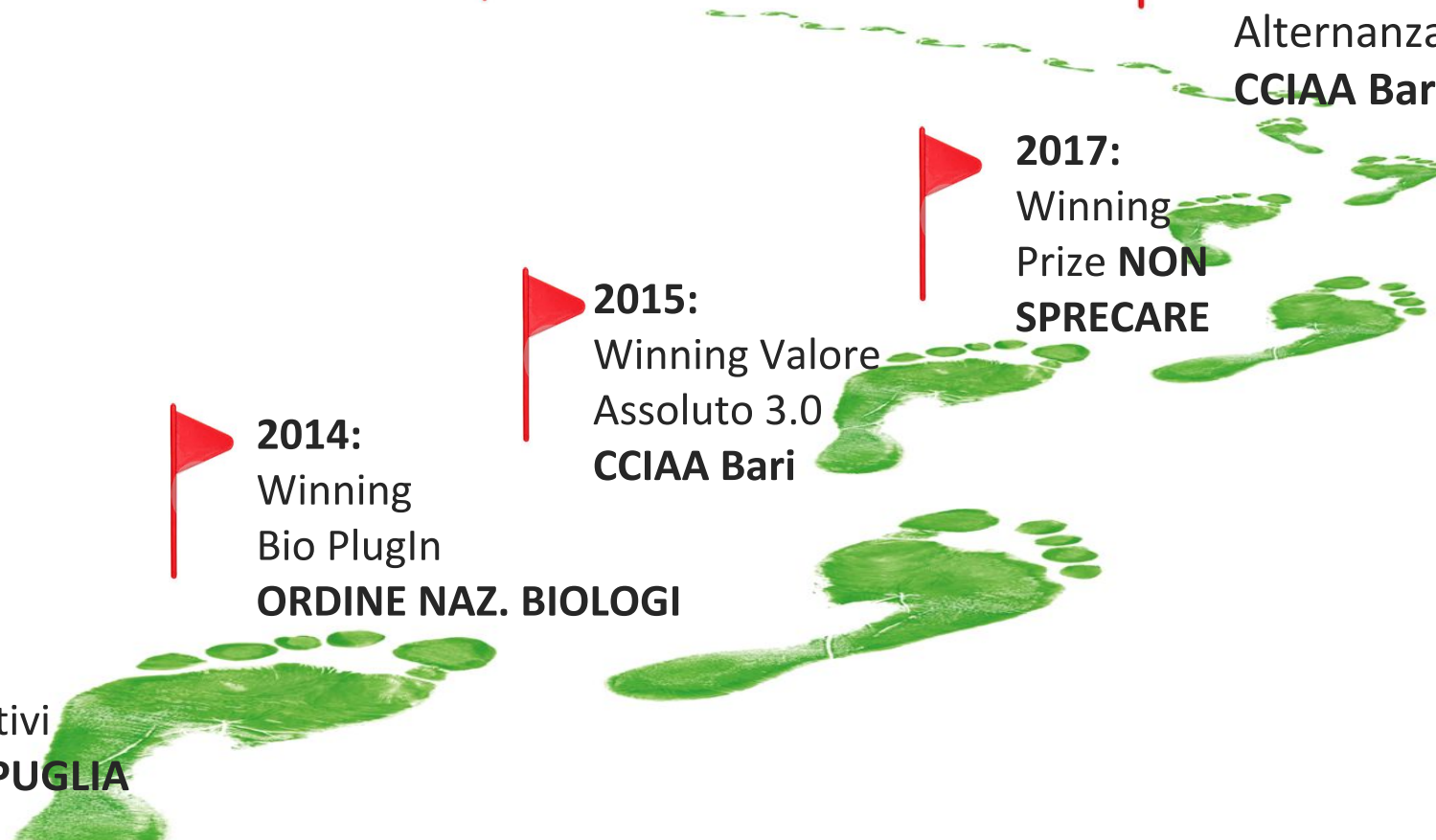
2017:
Winning
Prize **NON
SPRECARÉ**



2018:
Winning sperimental call
REGIONE PUGLIA



2018:
Winning
Prize Storie di
Alternanza
CCIAA Bari



BIO SPHERE: BIO INTEGRATED SIRULINA AND HEMP REMEDIATION

Soft Secrets®

Soft Secrets | web di notizie cultura della cannabis / marijuana



Progetto BIO SPHERE. Cannabis, alghe e fitodepurazione: una sfida che viene dalla Puglia

 Gennaio 19, 2021



**The innovation for ApuliaKundi
is the close interdependence between
human and the environment**

Thanks for your attention

Contacts

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In collaboration with