
KRESNA
‘The Synthetic Tree’
Net-Zero in 5 years

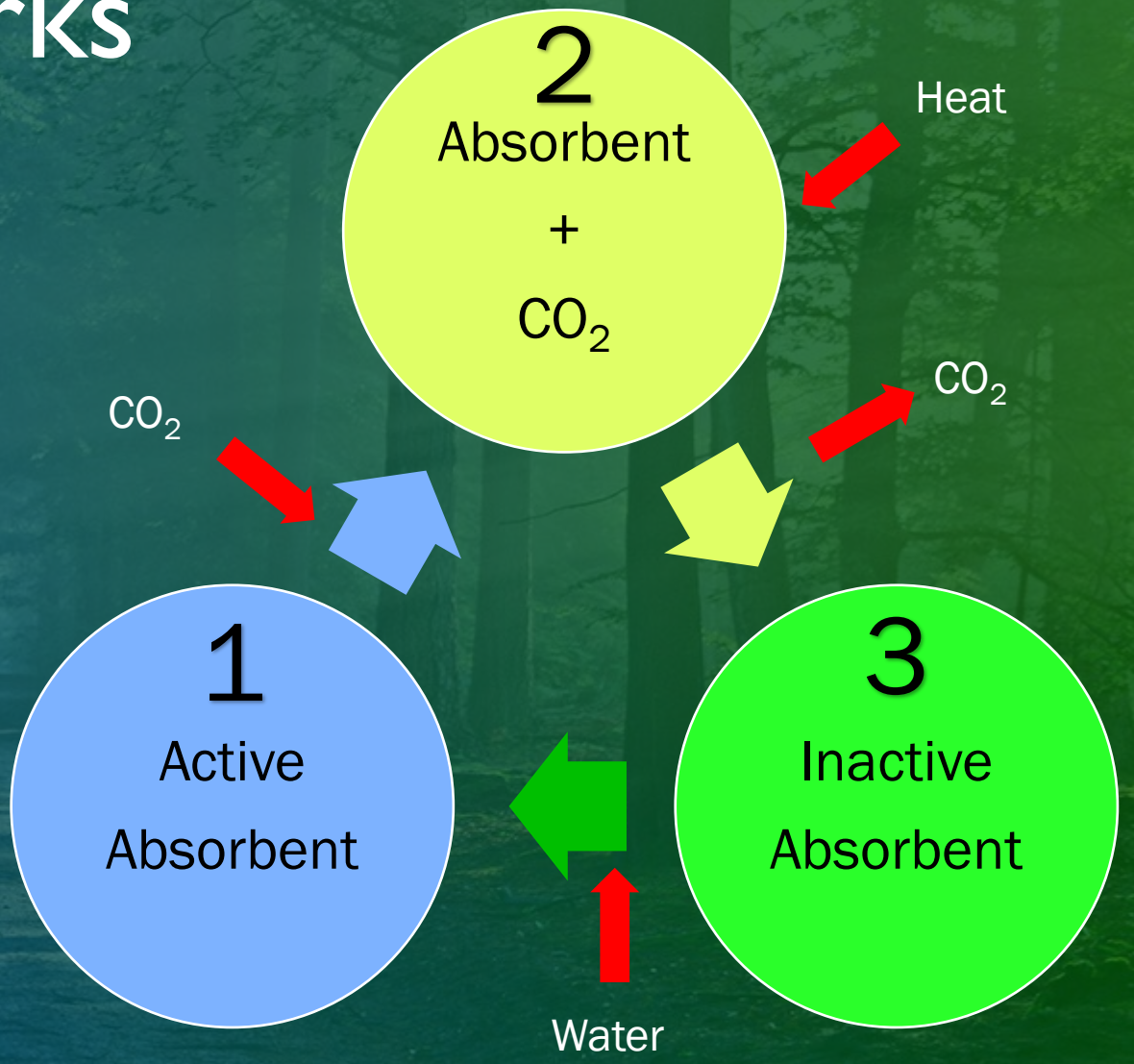
Why KRESNA

"There is no solution to get to net-zero without carbon capture technology." – Colin O'Mara, President and CEO of the National Wildlife Federation

- KRESNA is a mining device to capture an almost unlimited amount of carbon in the atmosphere.
- The result of four years of research and development
- Efficiency recorded up to 94%
- The smallest carbon capture device in the world. Cheap to manufacture, easy to place

How KRESNA Works

1. KRESNA hasten a naturally occurring reaction ‘Limestone Cycle’ from hundreds of years into days
2. Zero waste



Specifications

- Dimension : 60 x 60 x 170 cm
- Pre-Operation weight : 141 Kg
- Post-Operation weight : 196 Kg
- Material : PE
- Power Consumption : 65 watt

KRESNA VS NATURAL CARBON SINK

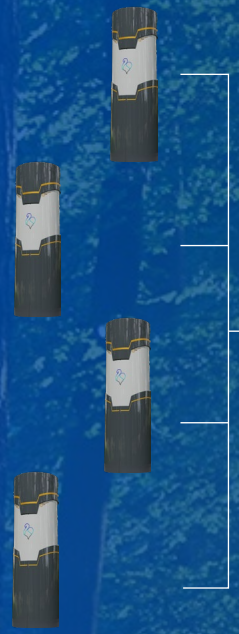
- 1 (one) Hectare of Mangrove Forest captures 33.6 MT/Year

Source: MoreTrees.eco

VERSUS

- 1 (one) Hectare, estimated housing up to 5000 KRESNA units , capture 12,000 MT/Year

Process Flow



Heating Facility

CO_2 (gas)

CO_2 Purifier

CO_2 (liquid)

Product 1: Synthetic Fuel

Product 2: Bioplastic

Spirulina

$$$

Sequestering

Note: Product 1 & 2 are examples of products manufactured using CO_2

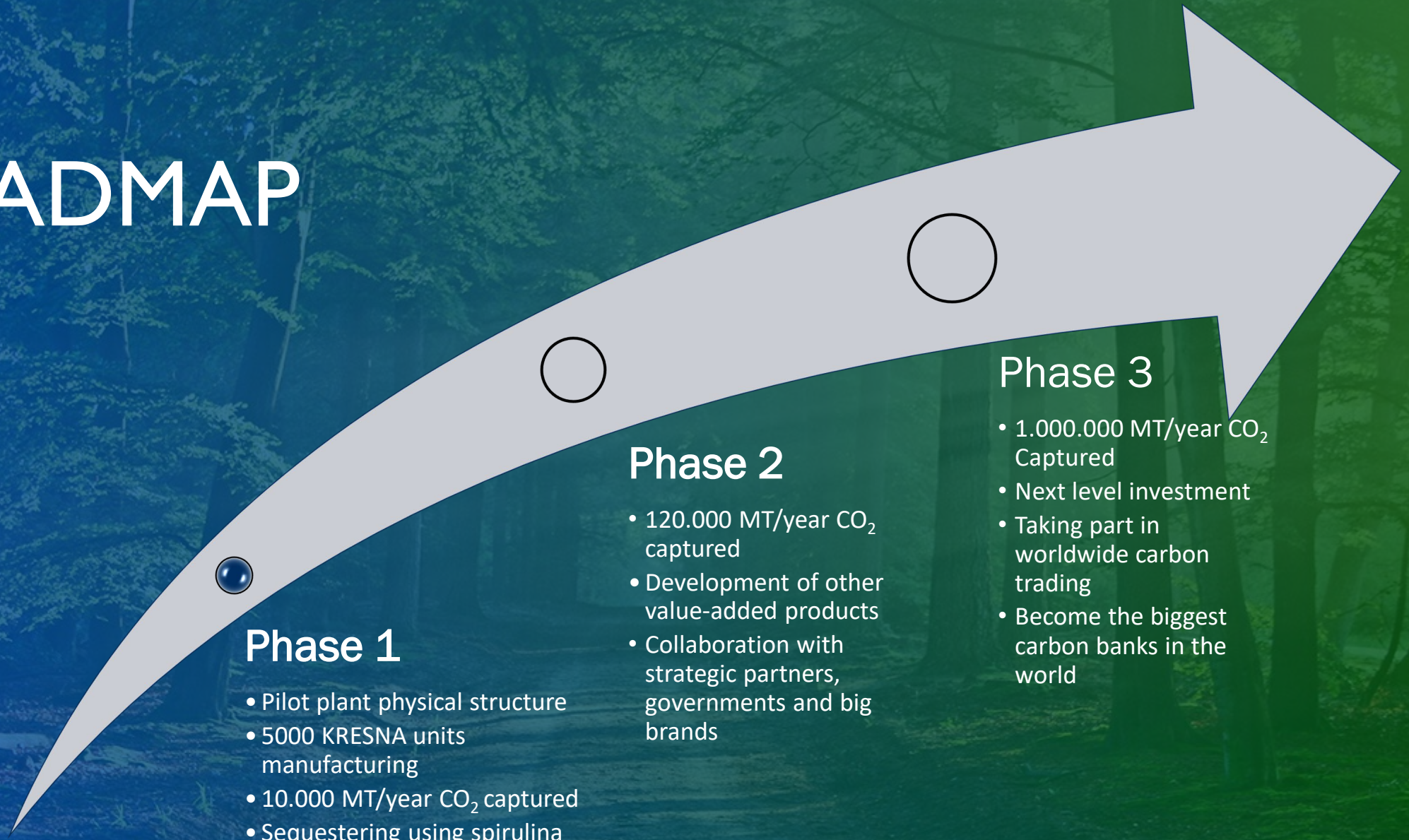
Why Spirulina?

- Spirulina is a superfood, as 1 kilogram Spirulina has the nutrition equivalent to 1,000 kilograms of vegetables and n fruits

- High demand in Health & Beauty Business, The global spirulina market was valued at USD 393.6 Million in 2019 and is projected to reach 897.6 Million by 2027

- A valuable ‘weapon’ to fight against micronutrient deficiency in infants and stunting

ROADMAP



Phase 1

- Pilot plant physical structure
- 5000 KRESNA units manufacturing
- 10.000 MT/year CO_2 captured
- Sequestering using spirulina

Phase 2

- 120.000 MT/year CO_2 captured
- Development of other value-added products
- Collaboration with strategic partners, governments and big brands

Phase 3

- 1.000.000 MT/year CO_2 Captured
- Next level investment
- Taking part in worldwide carbon trading
- Become the biggest carbon banks in the world

THANK YOU

KRESNA

The Founders