

TRESOILPower2X Waste to Energy Complex



Convert waste into valuable energy products — reducing emissions with alternatives



Roger Preston Romania

Experienced Team
engineers, scientist,
finance, technicians,
waste management
& energy production
specialists



Krasimir Truftev Bulgaria



WASTE
ELIMINATION



LANDFILL
DIVERSION



ENERGY
RECOVERY



ENERGY
CONVERSION

A way to kill two birds with one stone (Plastic Waste Eradication and Hydrogen)



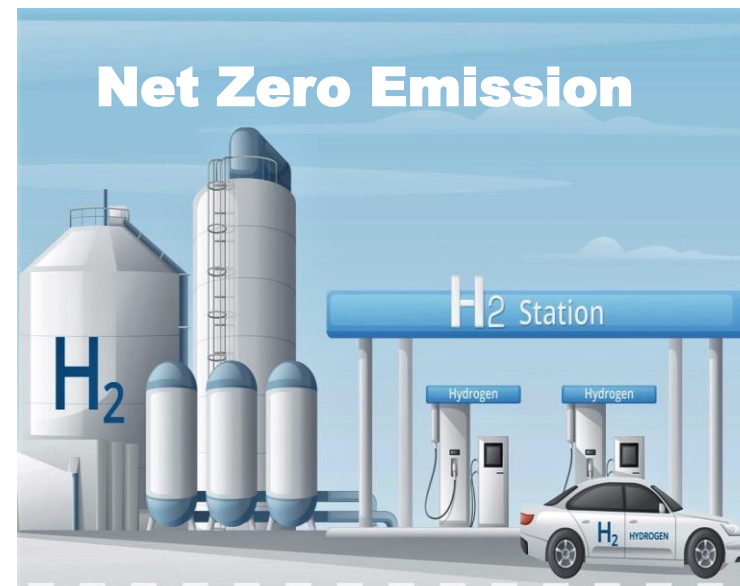
PART OF THE
EU MISSIONS
RESTORE OUR OCEAN & WATERS

Funded by
the European Union



Problem to be solved in a NUTSHELL

Waste to Energy Microgrid are revolutionizing decentralized power generation, and local energy production, with small-scale distributed energy network complexes



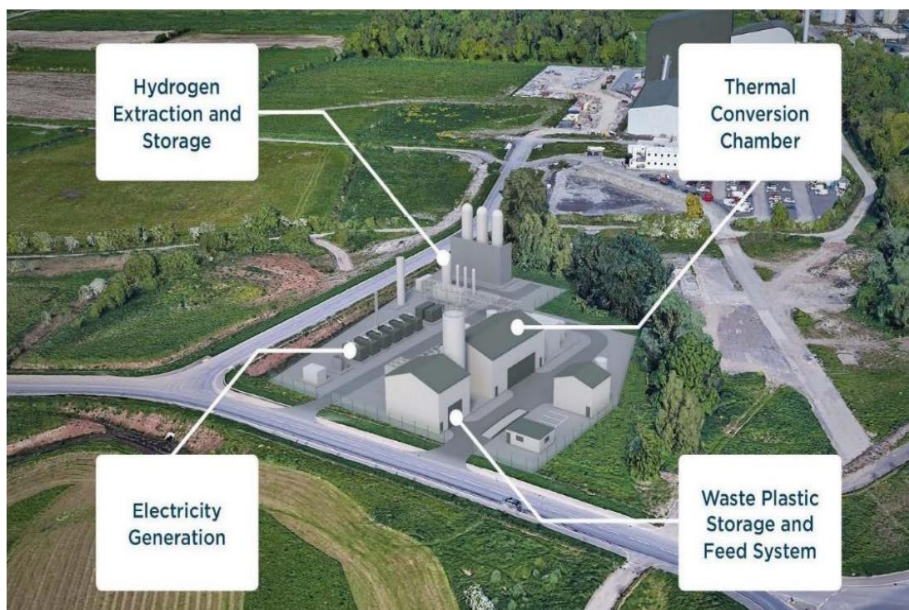
Romania is facing a serious plastic pollution and energy crisis:

With low recycling rate, which is significantly below the (estimated) EU-27 average of 49%.

TRESOILPower2X Waste to Energy (factory built)



“Containerized Format” Scalable, Replicable In All EU Countries (small footprint & environmental impact)
New Innovative Modular, Distributed, Pre-engineered, Pre-fabricated Complex:



The Small-scale project supports these six EU goals:

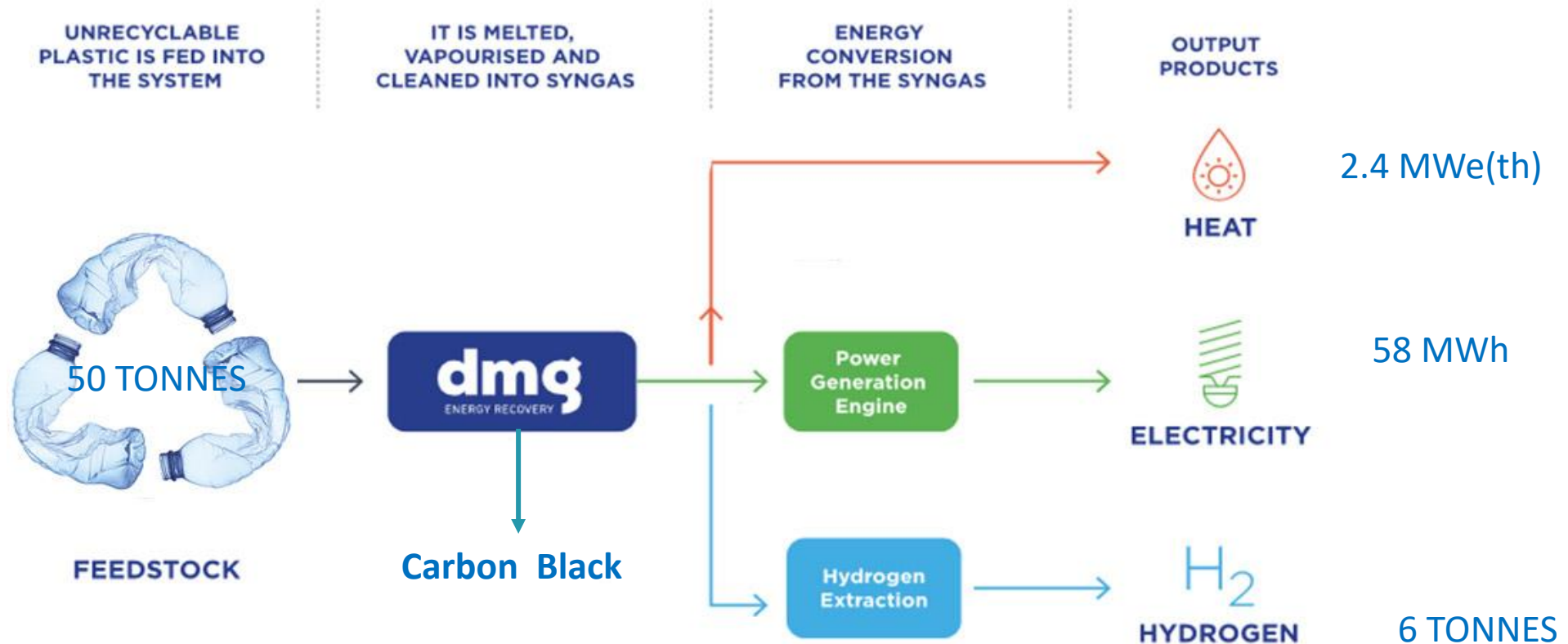
- Mitigating or adapting to climate change
- Protecting water and marine ecosystems
- Advancing the circular economy
- Preventing and controlling pollution
- Safeguarding biodiversity
- Air Pollution Mitigation

TRESOILPower2X Innovative waste-to-energy solutions which converts plastic into electricity, hydrogen, ammonia and solid carbon.

- Contributing to CO₂ and methane EU targets
- Made in Europe producing sustainable energy and products
- Reducing CO₂ & GHG from landfills and oceans



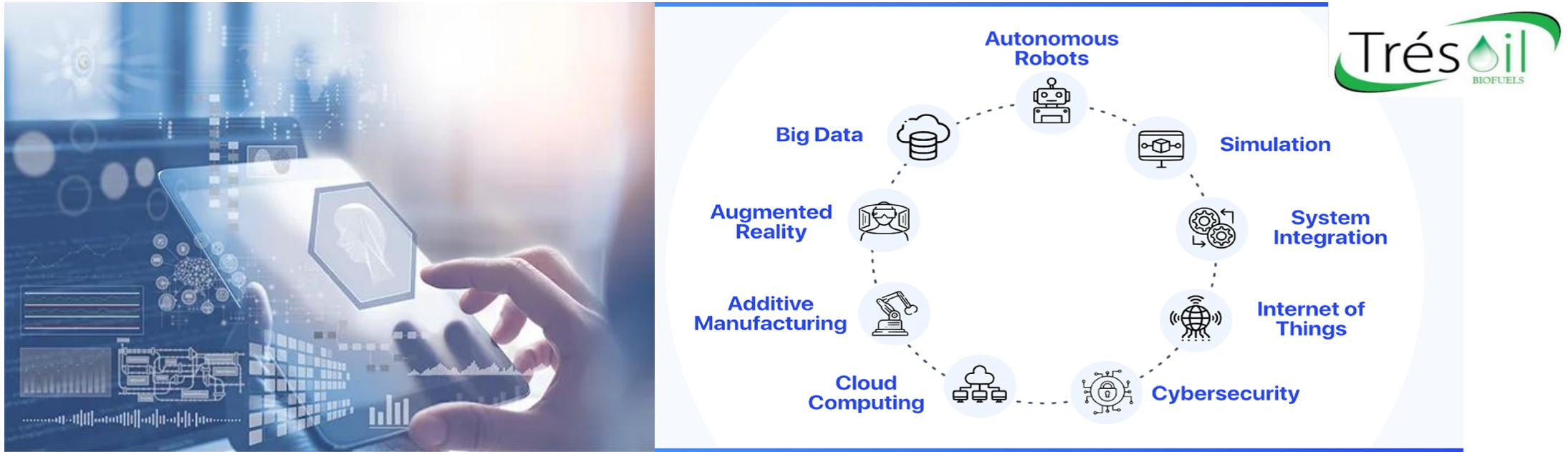
Innovative Transformative Solution to Pollution



TRESOILPower2X: Local Waste Disposal....For Local Energy Needs
Turning Trash Into Treasure



TRESOILPower2X Virtual Digital Twin Value proposition



**Cutting-edge Approach Virtual Waste to Green Energy Business Model Prior to Construction
Replicated Throughout Europe and Globally**

REBEL DOT AI

Our DT Partner

- Increases the productivity by as much as 20%
- Reduces the cost of installation by up to 20%
- Reduces stocks by up to 60%
- Reduces manufacturing time by up to 60%
- Monitors GHG (Co2, Methane etc..) environmental impact
- Monitors production performance and safety



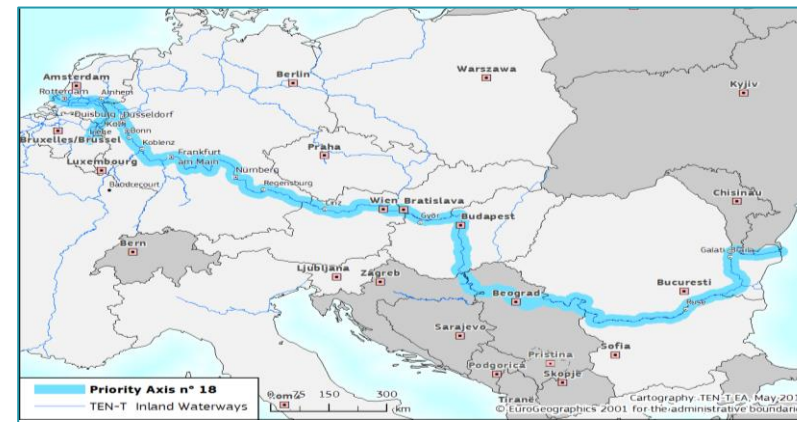
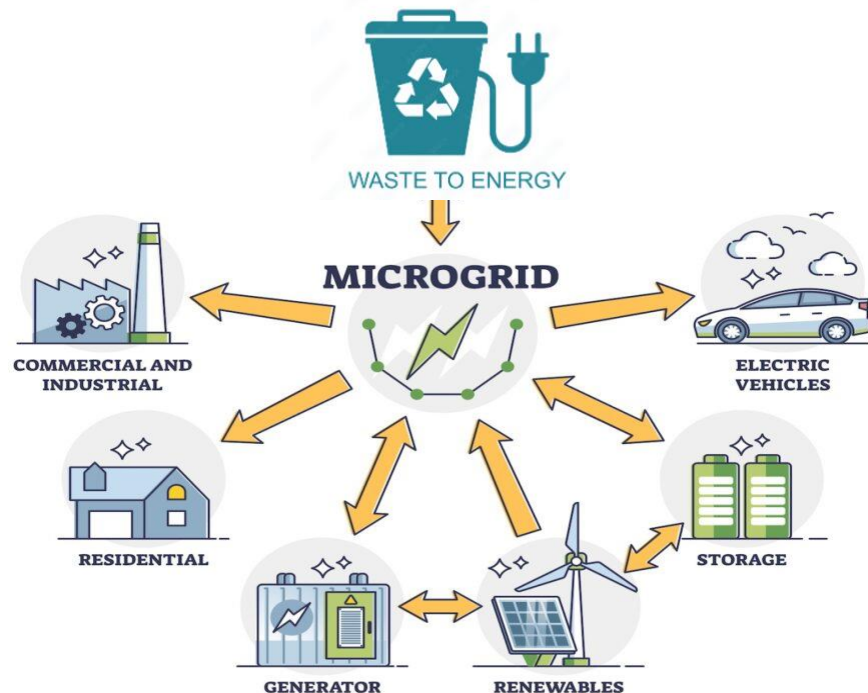
PART OF THE
EU MISSIONS
RESTORE OUR OCEAN & WATERS

Funded by
the European Union



Danube MVP location microgrid & logistics

TRESOILPower2X Waste to Energy Microgrid Integrated, Replicable In All EU Cities
(small footprint & environmental impact) New Modular Distributed Complex:



One Danube barge convoy taking hundreds of trucks off EU motorways saving CO2 & accidents.

Business Model and 2 Stage Implementation

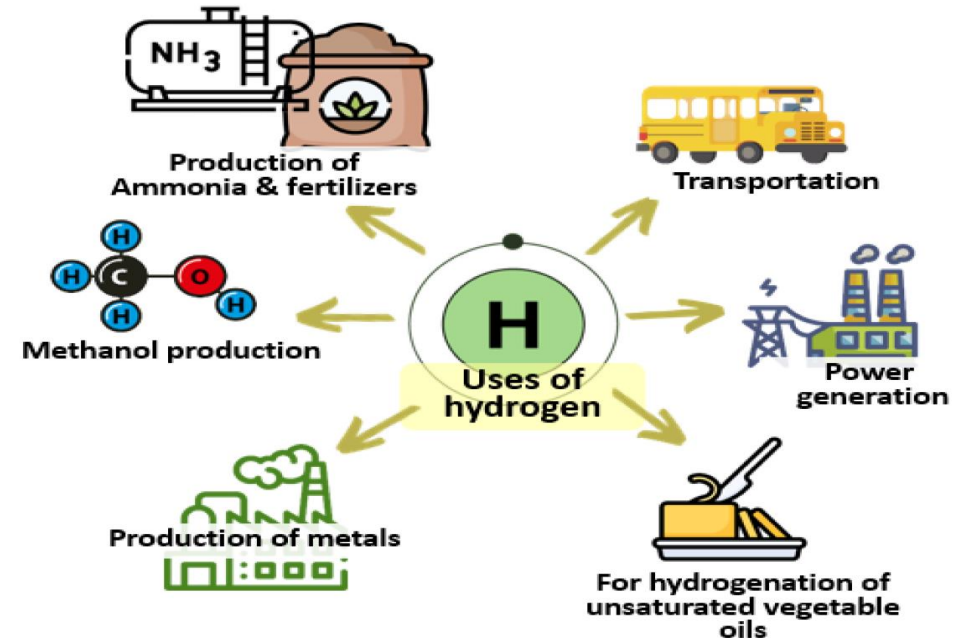


I. TRESOILPower2X Digital Twin Virtual Model; for precise integrated simulation, optimization before physical construction predicting operational performance before deployment.

II. Build TRESOILPower2X physical energy production units: pre-assembled, pre-engineered containerized microgrid complex

B2B & B2G Revenue Streams:

- Energy (Electricity/Hydrogen/Ammonia/SAF)
- Carbon Black (Tires/Graphite/Graphene)
- Carbon credits (Tradable) @ EUR 80 M/T CO₂
- Digital Twin software to new clients@ 1m+EUR



Markets & Sales

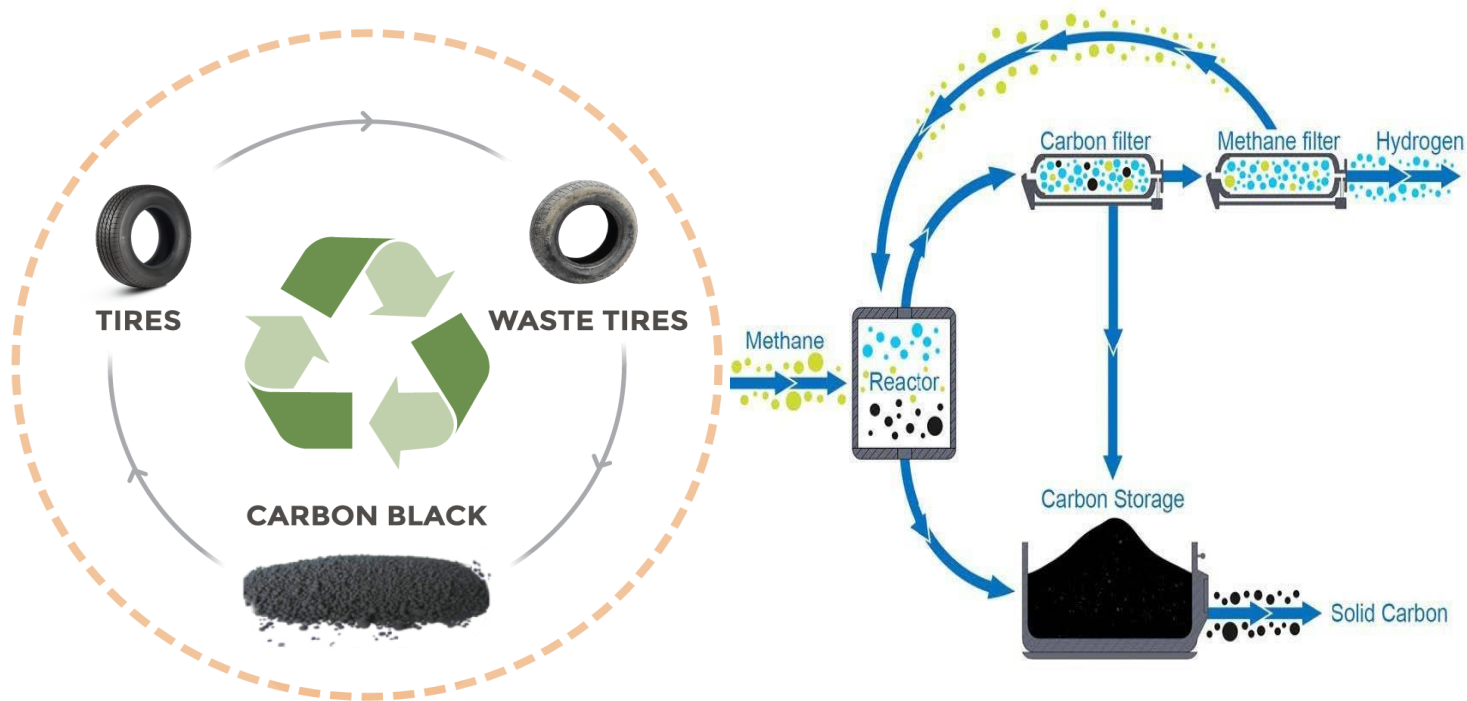


PART OF THE
EU MISSIONS
RESTORE OUR OCEAN & WATERS

Funded by
the European Union



New Innovative Carbon Black Material

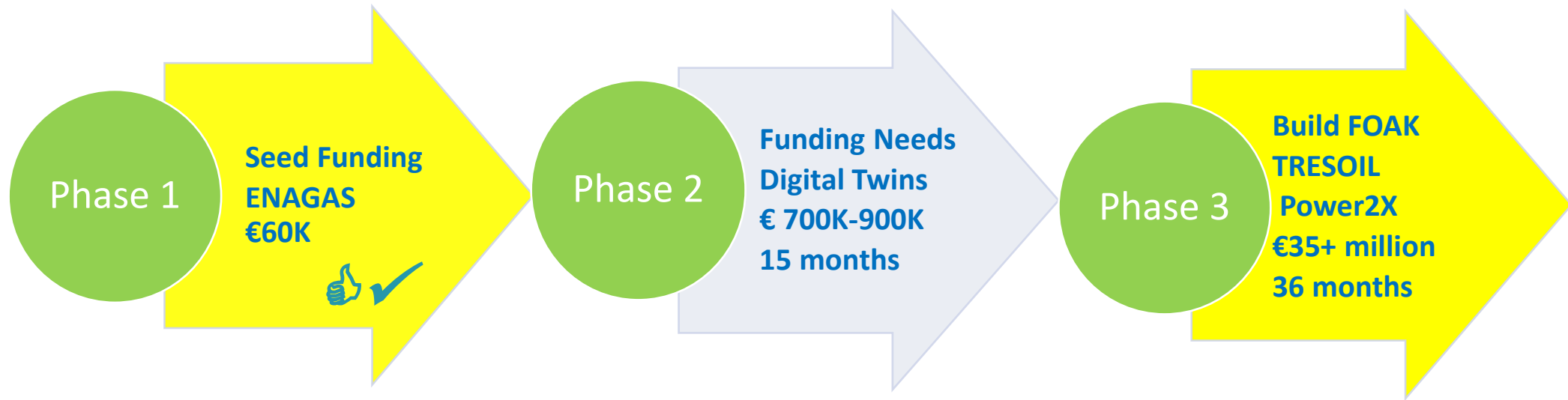


TRESOILPower2X technology produces hydrogen (H₂) and CO₂ carbon (C); into carbon black from captured CO₂ into solid carbon and graphene “Called the Miracle Material”



TRESOILPower2X 'WASTE to ENERGY'

Roger Preston



Financial Needs Phase 2: for Digital Twin, feasibility, licences, permits (Environmental, Safety etc..)

Tresoil Biofuels SRL

Mobile: + 40 723 030 662

Email: rogerpreston@tresoil.com

Web: <https://www.tresoil.com/>

<https://www.linkedin.com/in/roger-preston-73972711/>

