

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)



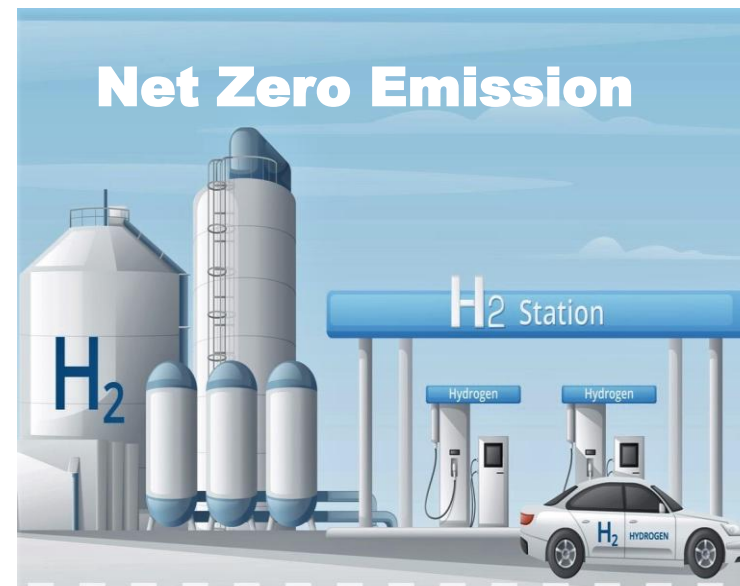
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Problem to be solved in a NUTSHELL

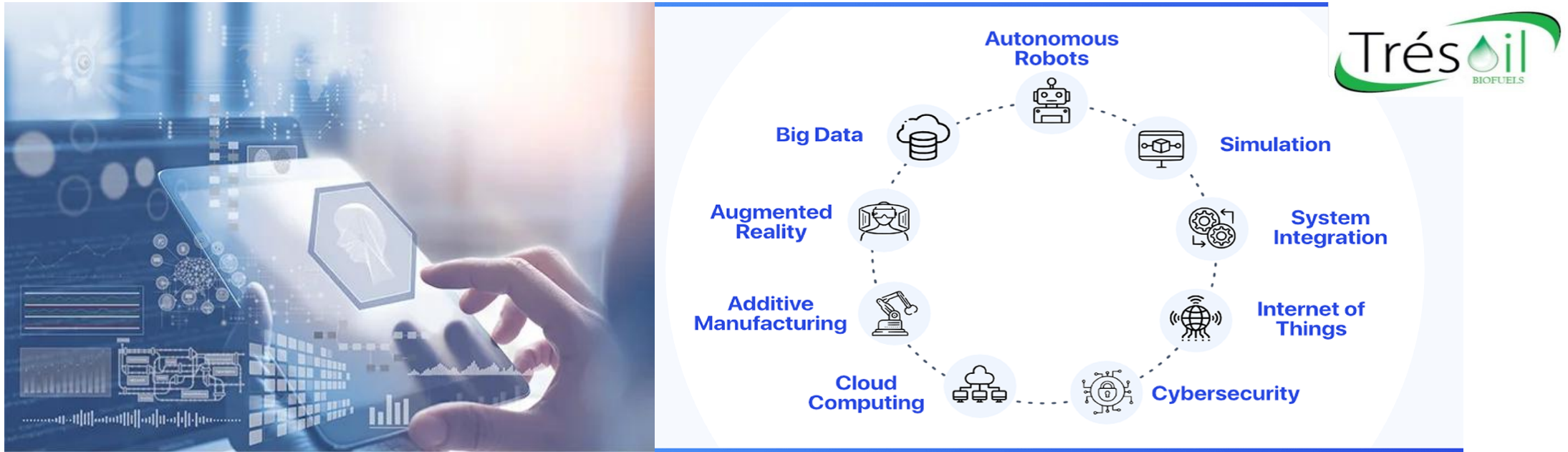
Waste to Energy Microgrid are revolutionizing decentralized power generation, and local energy production, with small-scale distributed energy network complexes



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 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

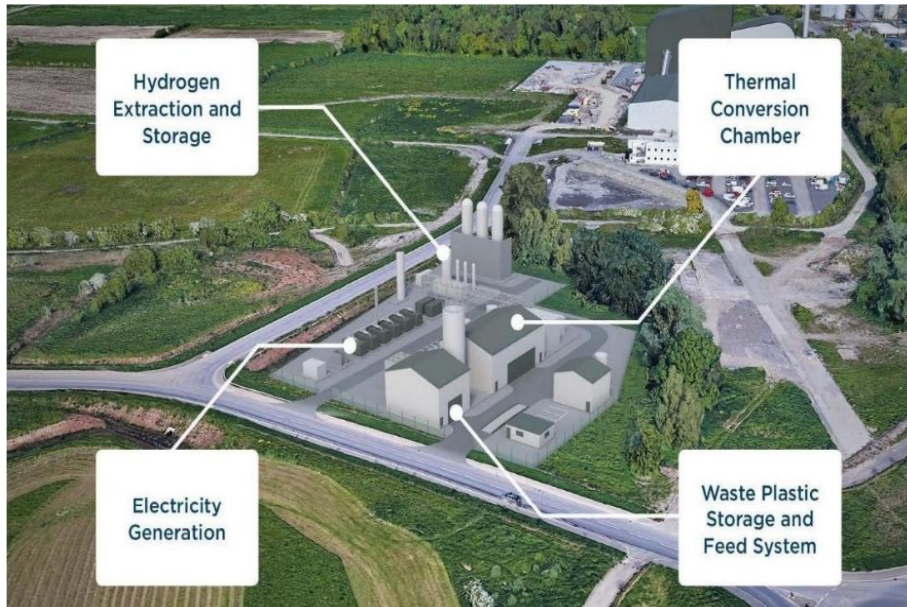
Our DT Partner

- 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

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**

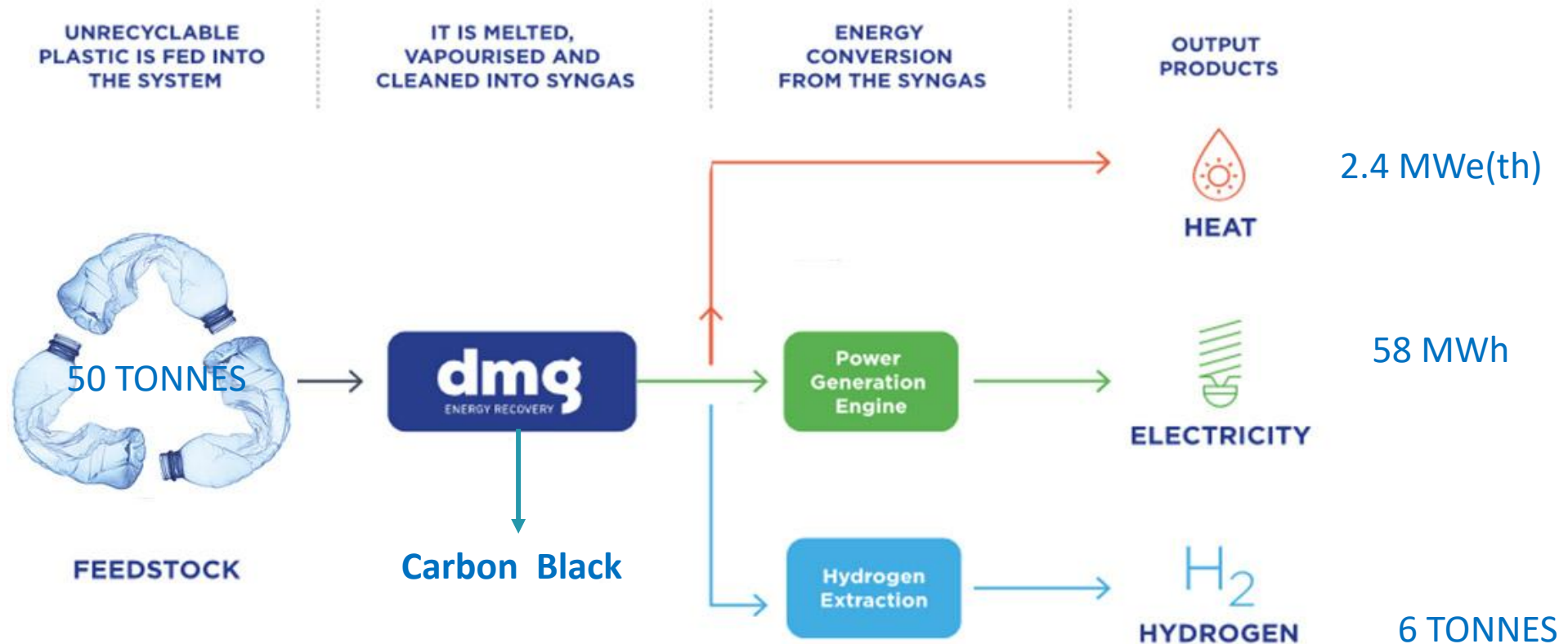


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Innovative Transformative Solution to Pollution



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



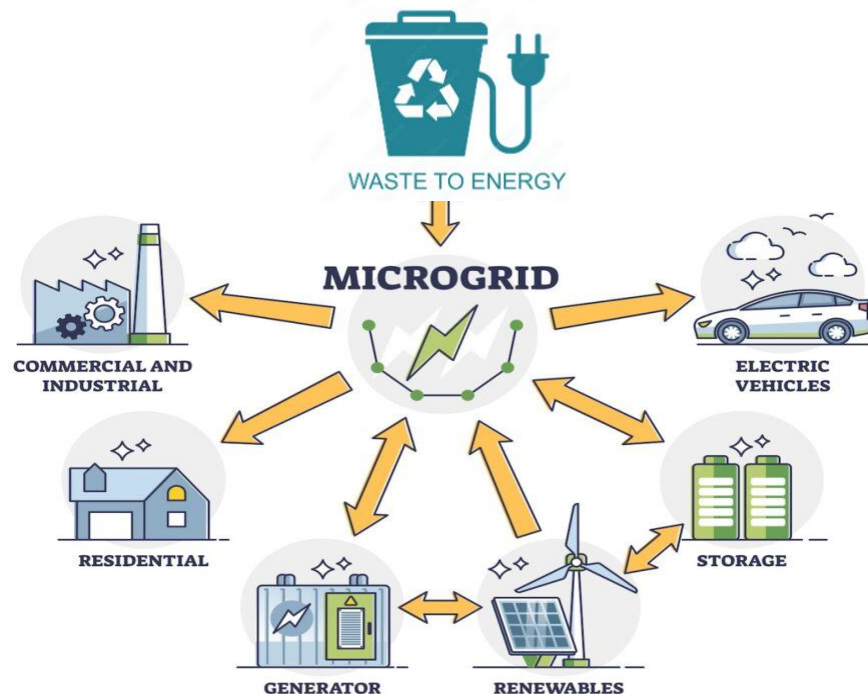
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Danube MVP location microgrid & logistics

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

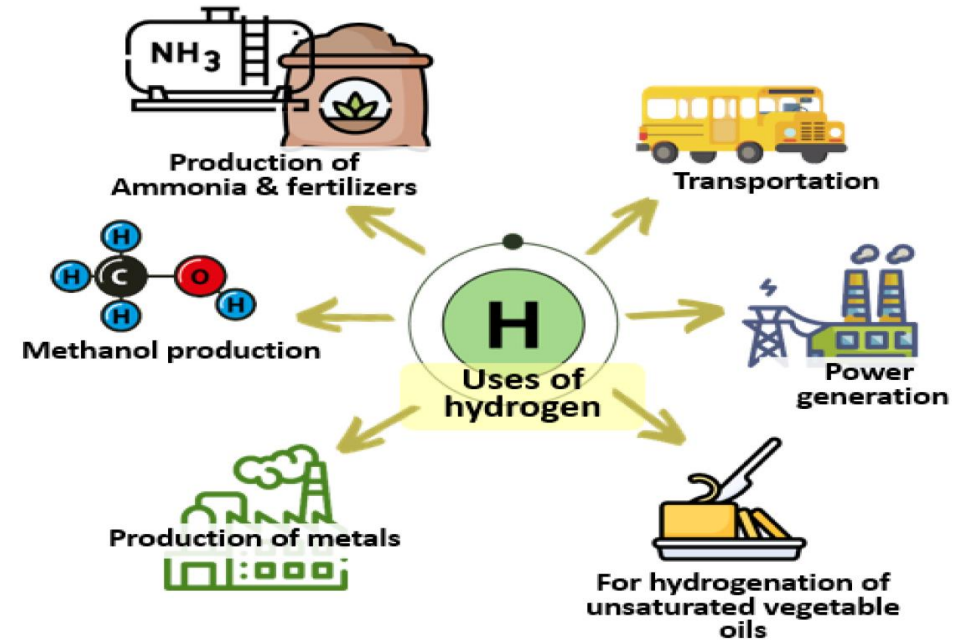


I. TRESOILPower2X Digital Twin Virtual Model; for precise integrated simulation, optimization before physical construction predicting operational performance before deployment.

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

B2B & B2G Revenue Streams:

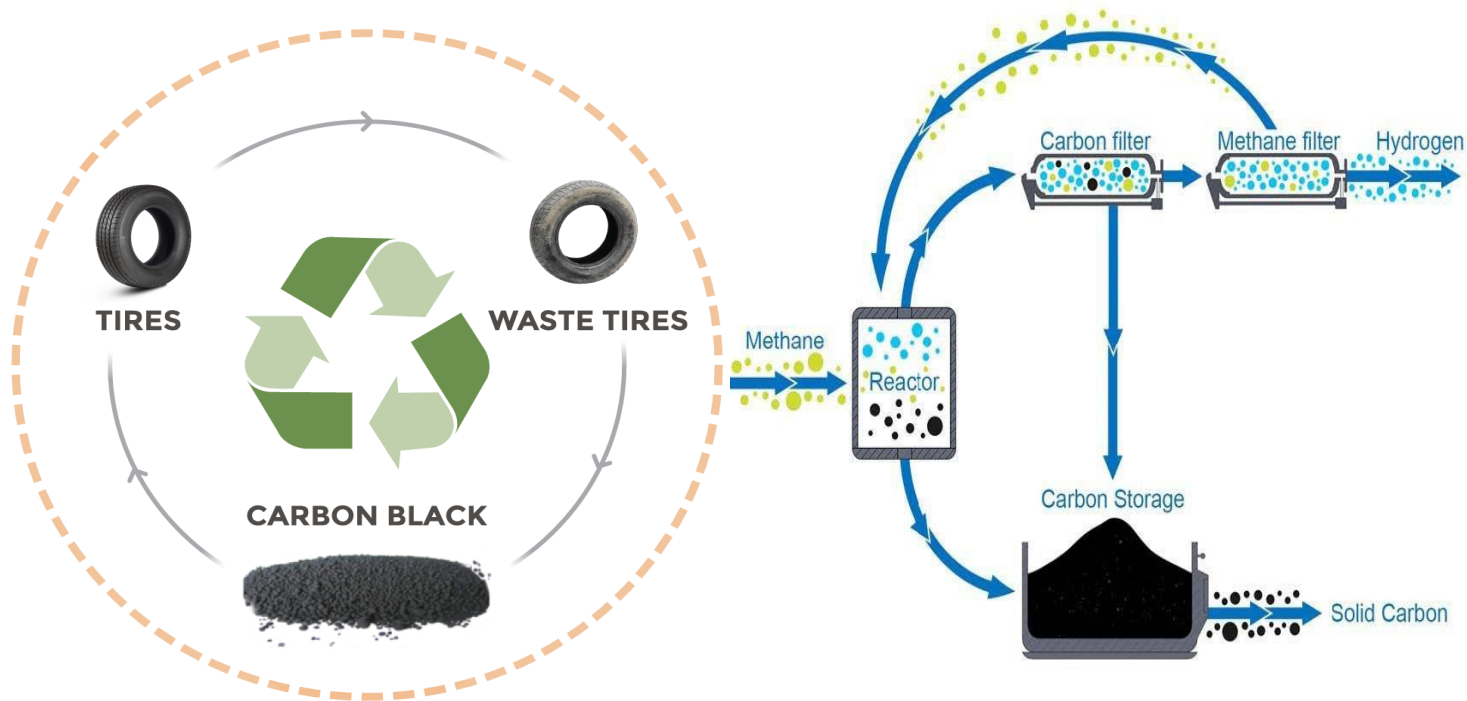
- Energy (Electricity/Hydrogen/Ammonia/SAF)
- Carbon Black (Tires/Graphite/Graphene)
- Carbon credits (Tradable) @ EUR 80 M/T CO₂
- Digital Twin software to new clients@ 1m+EUR



Markets & Sales



New Innovative Carbon Black Material

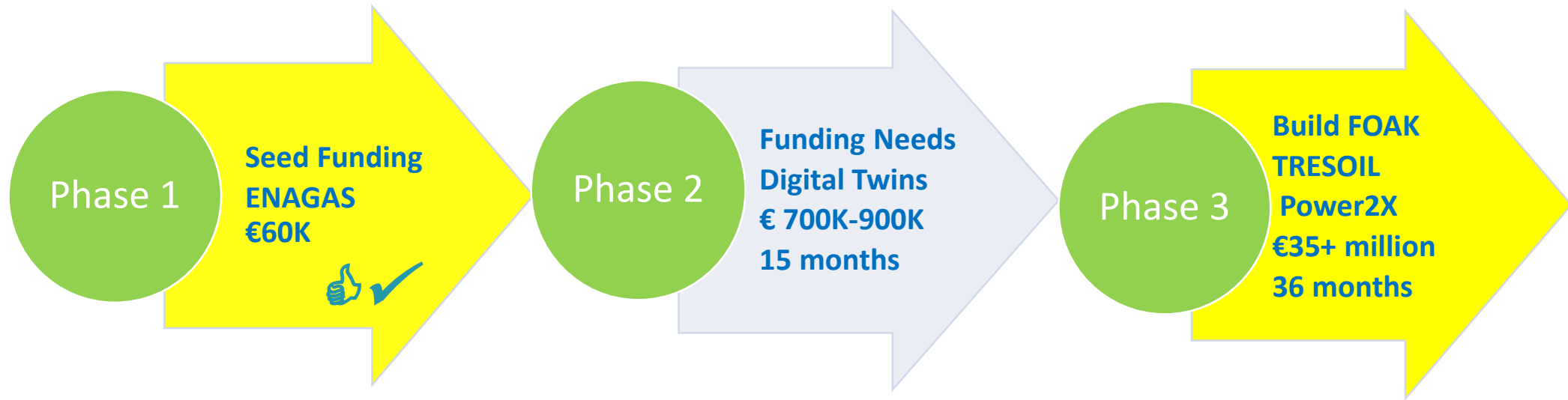


TRESOILPower2X technology produces hydrogen (H₂) and CO₂ carbon (C); into carbon black from captured CO₂ into solid carbon and graphene “Called the Miracle Material”



TRESOILPower2X 'WASTE to ENERGY'

Roger Preston



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

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