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Aim

Initially

Sustainable Energy Production

Global Energy Demand

Transport

BASF

Product ideas

Aim

- The world is on the verge to be in deep shit and we need to act and find a solution.
 - We adress the UN Nations Sustainable development goals.
 - Technology by itself can not save us. We need to change our habits and governments must make it beneficial for all to choose a more eco-friendly life style.

Initially

- We need to assess which industries with significant contributions to the greenhouse gases, that cannot find a realistic solution in the nearest future.
- We need to assess existing sustainable energy technologies
- Political setting, World bank, Global trade deals.
- BASF ability to meet UN development goals at present and potential to meet them

Sustainable energy production

- Technologies
 - Nuclear energy
 - Solar energy
 - Wind
 - Biomass
 - Hydropower
- Assess
 - Energy production per m²
 - Balance energy demand and production. Energy storage options.
 - Cost

Global Energy Demand

- Transport
 - Shipping
 - Aviation
 - Private car
- Lighting
- Heating
 - Cooking
 - Industrial heat
 - Processes that require heat: cloth fabrication, chemical industry

BASF

- Energy demand: Heat, electricity
- Recycling program: UN Goal 12
- Combine education and create divisions/factories in developing countries: UN Goal 9
- Present sources of energy and possible alternatives

Product Ideas Beyond BASF

- Consultancy:
 - Complete models for governments to act upon, ensuring development goal 7
 - Models can conclude ideas for transport, electricity demand, etc
- Technology:
 - Communication system monitoring energy distribution. A supergrid system.
 - Electricity storage by chemical energy
 - Nuclear power supplying energy for trains. That will take the market away from Maersk shipping

Transport

- No solutions for cars, no solutions for ships.
- Solutions for trains. Trains can run on electricity, cars and ships only if storage batteries are involved.
- The global resentment between continents is of no good for sustainable transport if global trade should continue at a sustainable level
- Trains being the best solution require neighbouring continents to become more friendly towards each other. Trumps wall and Europes mediterranean chrisis are obstacles.
- Overseas trains are far from being realised, so improving train connections for trade options between neighboring continents is imperative for finding a solution.

Nuclear energy

- Which energy demand can we meet
- Can we use nuclear powered trains for transport of goods.
- Where can place the waste until more clean solutions appear.