



Cell2Green
recyclable biofoil

The Cell2Green Founder Team

Dr. Dirk Hollmann

CEO, 44 Jahre, Creative Scientific Head of "Cell2Green"

- Group leader "Sustainable Chemistry/Circular Economy" at the University of Rostock
- certified project manager as well as sustainability manager
- Chairman of the "Doberaner Klimanetzes e.V." (Doberan Climate Network)
- International network in the field of sustainability, chemistry and circular economy



Stefan Peuß

CMO, 38 Jahre, Sales Manager/Marketing of „Cell2Green“

- Businessman since 2006
- CEO (owner) of the Taurus advertising agency in Rostock
- Studied graphic design, status: creative as well as art director
- Contact person in all branches of the economy
- Network in Mecklenburg-Vorpommern: Politics, innovation and companies



Over 142 million tons of film are drifting in the world's oceans or are incinerated!

Problems for companies

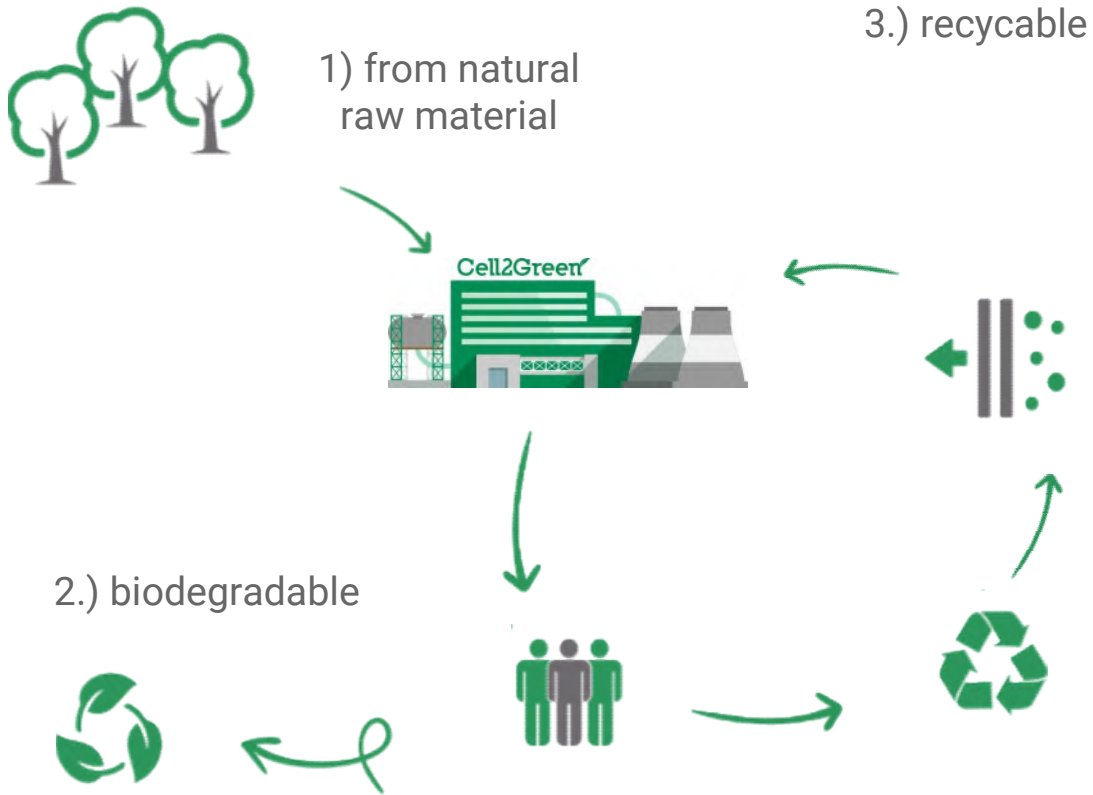
Increased regulations:
"No to Plastic pollution"

Warning and disposal notice for single-use plastic products since July 2021

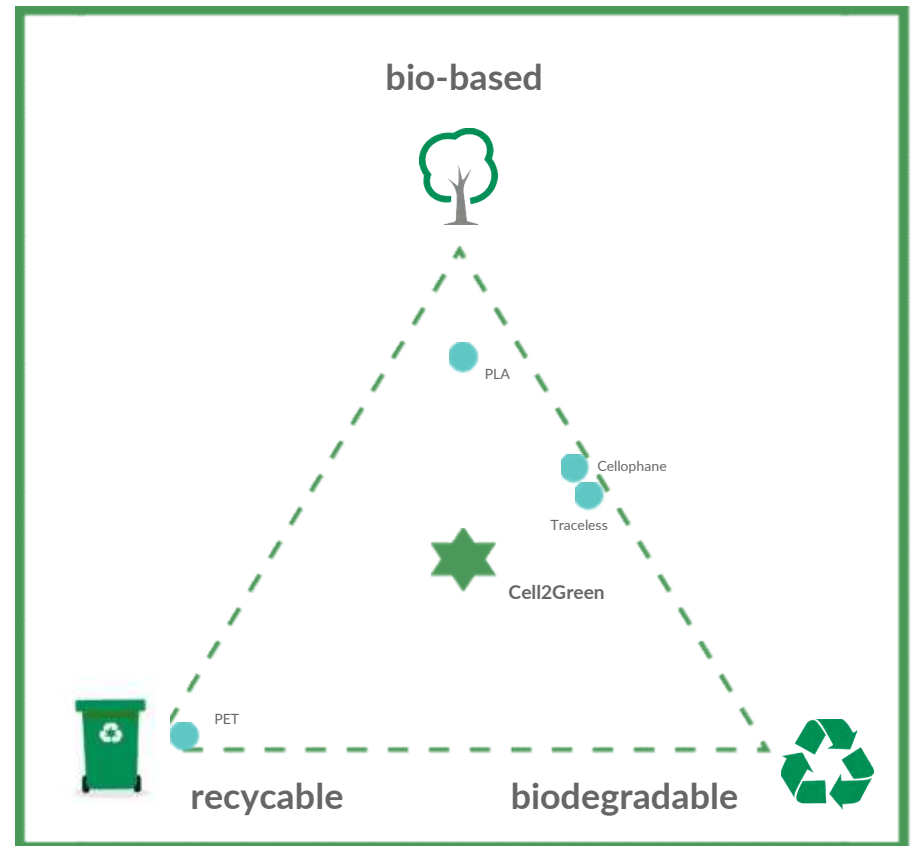


Cell2Green - Holistic Approach

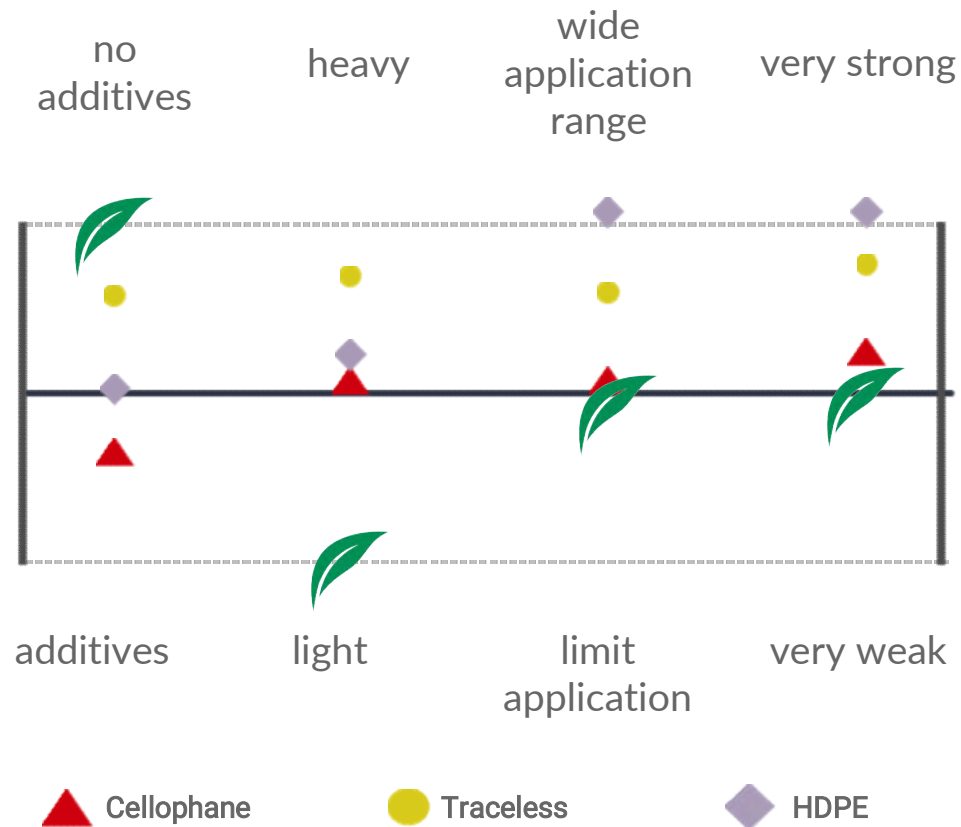
Development of a foil, which is:



Three-dimensional product matrix in terms of circular economy



Our product...



Benefits for the customer:



Utilization without regulations
(Cell2Green-Foils are no plastic)



Improved marketing
(no Plastic symbols)



Improved carbon footprint
(Use of carbon-neutral and carbon-positive foils)



Your impact to protect the climate
(less impact on climate change)

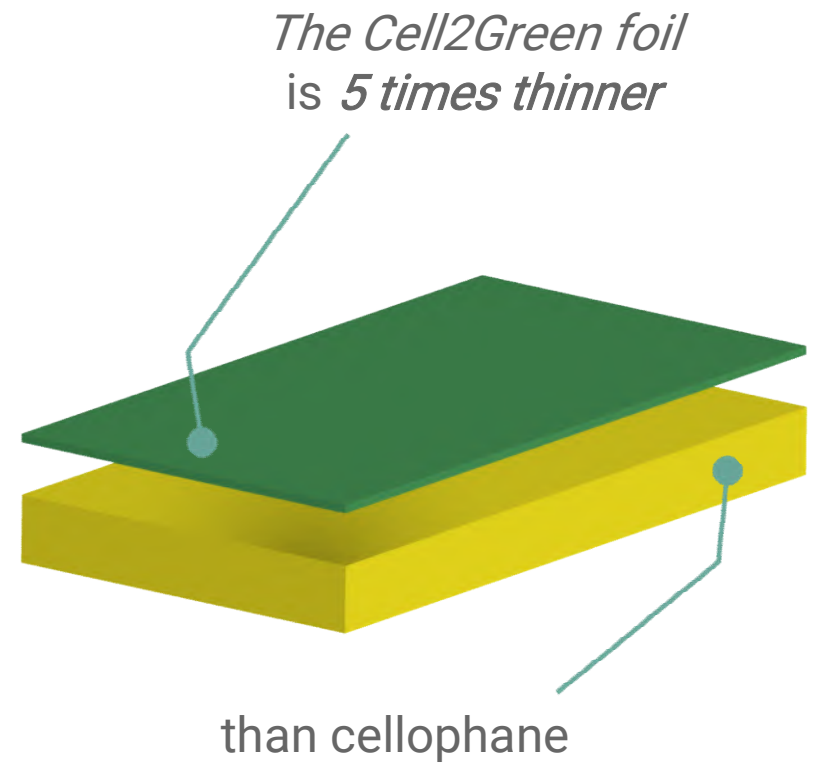
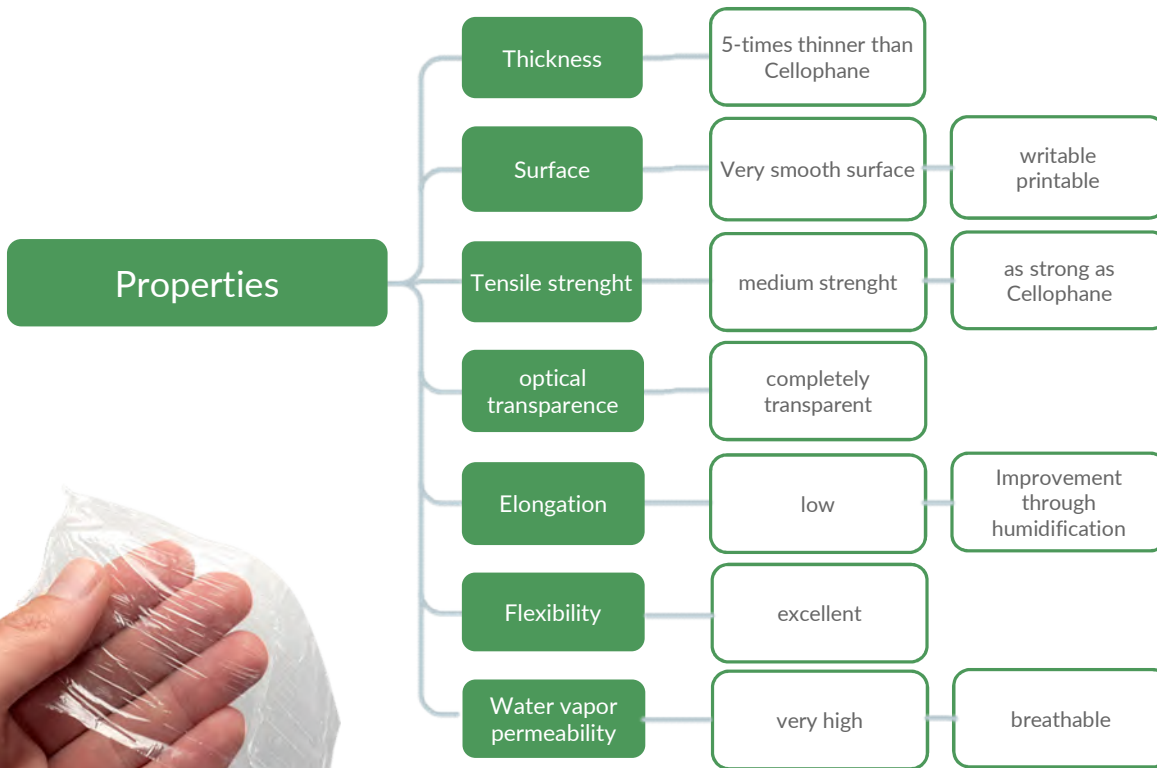


less transport costs
(You can pack 4-5 times more products)



Supply Chain Reliability
(Cellulose is available in every country)

Product - Properties



Advantages compared to other manufacturing processes



The Cell2Green film can be recycled almost infinitely via the Cell2Green process.



Cost-effective film production due to simple green manufacturing process



CO₂ savings of up to 70 % during production



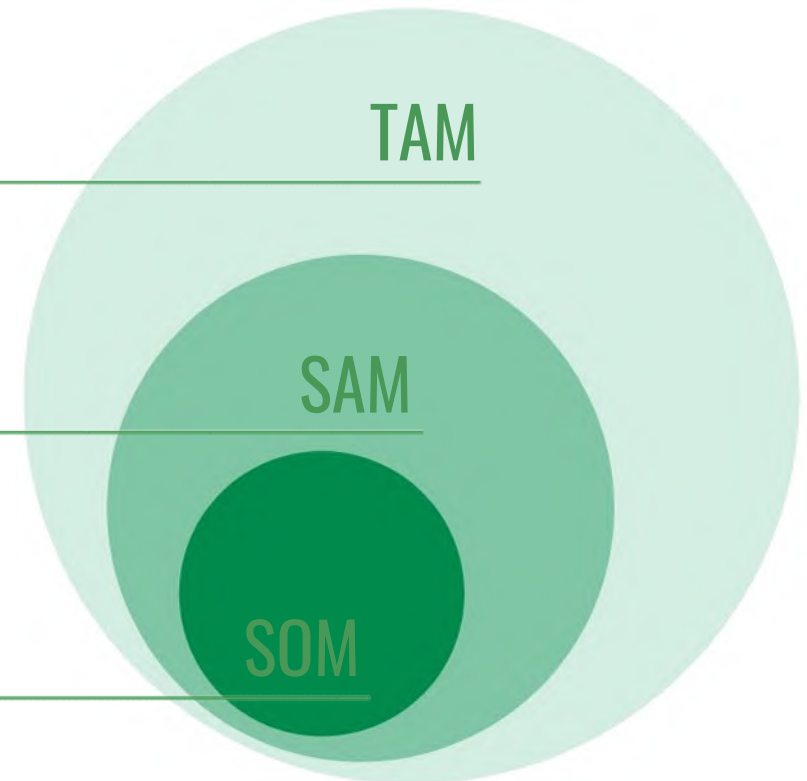
Business Structure Circular Economy
Raw material extraction, production, distribution, collection, recycling

Plastic film market

Packaging foil market
183 billion € in 2020

Biobased and biodegradable packaging films
1 billion €/year

Initial market for lightweight packaging (<20 µm)
Packaging products for the food, healthcare, household
and personal care sectors
500 Mio. € in 10 Years



Customer

signed LOI



B2B: Replacement of Cellophane foils



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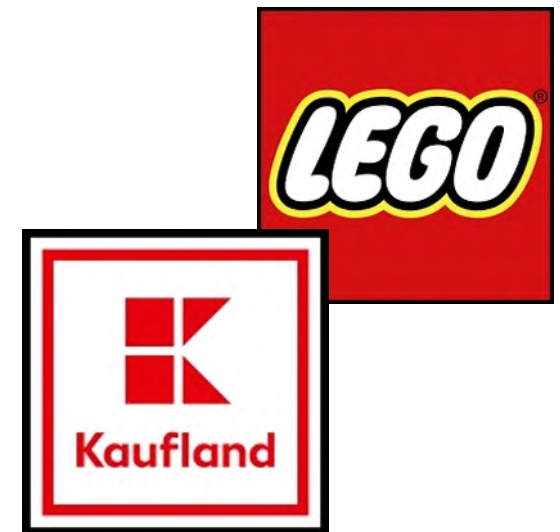


B2B: Replacement of LDPE foils



B2B: Further processing

in 3-4 Jahren



Local and international cooperation



Purchasement of Cellulose



Establishment of continuous production

Support with various test procedures



Chemicals Management

Reach/Risk Assessment



Research and Development

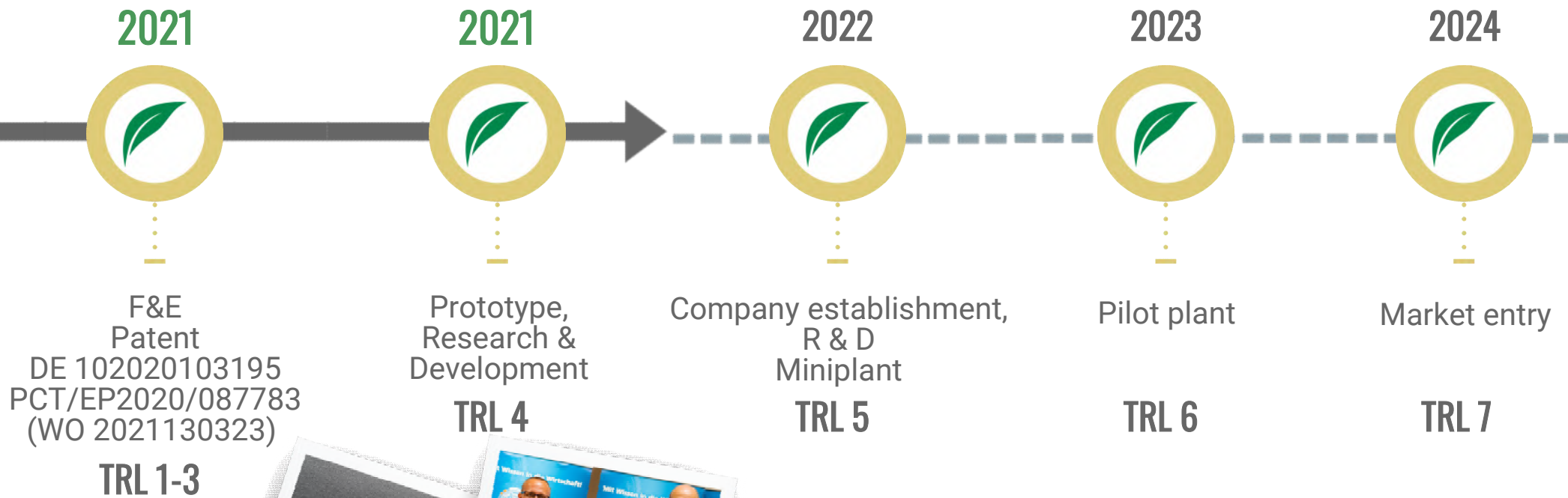
Valorization of Bio waste/reed



Research and Development

Biodegradability/ Recycling

Development and market entry



TRL - Technology Readiness Level - NASA

Invest - First two years (TRL 5-6)

Prototype system (TRL 7)

Use of Invest:

Mini-/Pilot plant 40%

Laboratory equipment, development and construction of miniplant and pilot plant, quality assurance equipment

R&D 18%

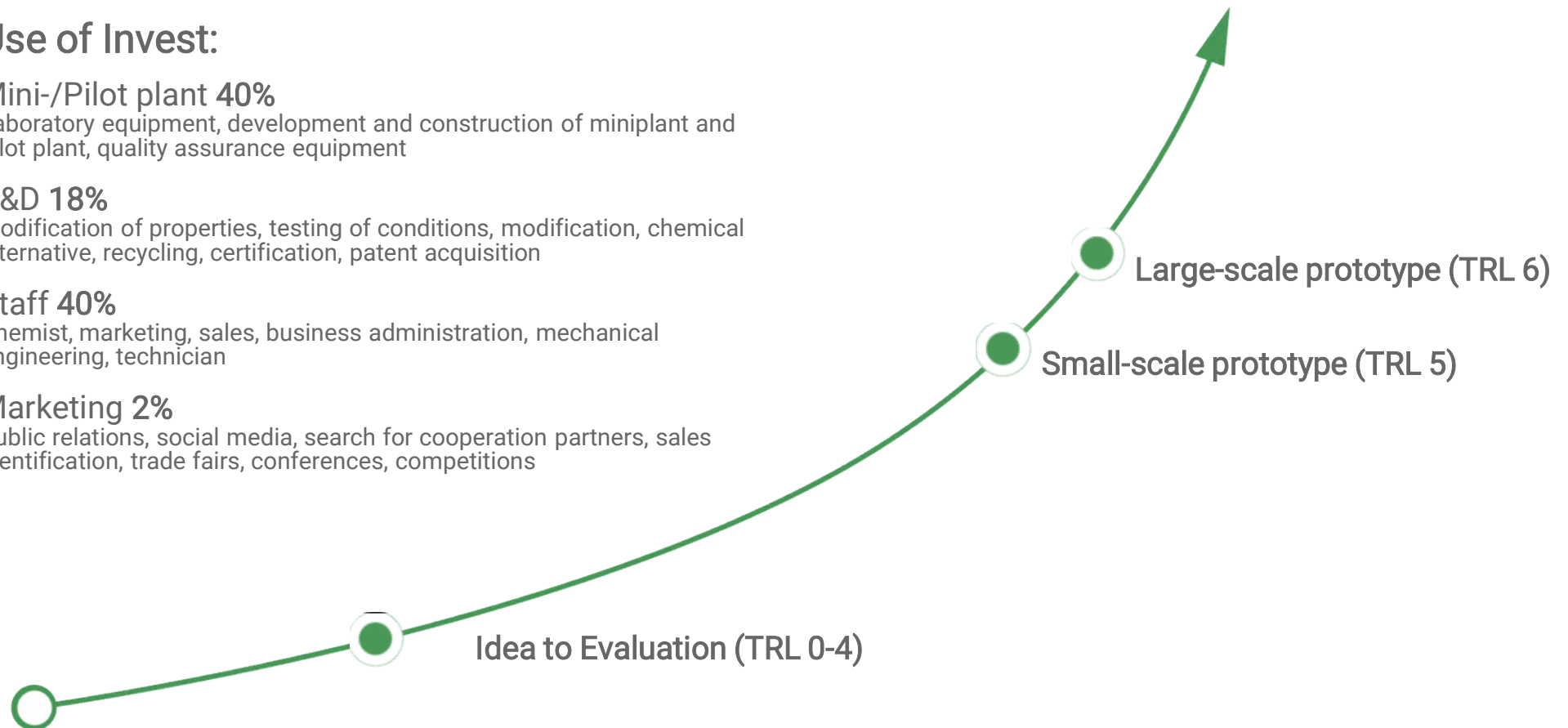
Modification of properties, testing of conditions, modification, chemical alternative, recycling, certification, patent acquisition

Staff 40%

Chemist, marketing, sales, business administration, mechanical engineering, technician

Marketing 2%

Public relations, social media, search for cooperation partners, sales identification, trade fairs, conferences, competitions



Wrap-up the future!

BECOME A
COOPERATION PARTNER or INVESTOR

Support us in the area of "Financing" or "Research and Development" !
Develop new applications with us!

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