

refuel.green

Together we master Climate Change.

PitchDeck

Your Contact:

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Solving the green syngas gap

- ...to become the **global leader** in **green syngas technology**, measured in tons produced per year
- ...to **enable** two **global shifts** in the design of our economies:

Defossilization

...for **green economies**.



Decentralization

...for **resilient supply chains**.



Project "Giga PtX"

Problem

- **e-fuel** production via Fischer-Tropsch **requires** the production of **green syngas** from H_2 and CO_2
- This process step is key to the success of every single e-fuel project – but **still technically and commercially unsolved**



Solution

- Our **Microwave Plasma RWGS Reactor** combines several technological breakthroughs and **unleashes the best unit-economics**



Technology

- We use **commercial off-the-shelf microwave generators** to turn renewable electricity into thermal plasma
- This **thermal plasma** is **highly reactive** and turns CO_2 and H_2 into green syngas
- Our **technological breakthroughs** enable the **best-of-its-class performance and robustness**, which leads to the **lowest CAPEX and OPEX** for green syngas

 BEST PERFORMANCE 85 % single-pass CO_2 conversion at 1 kWh(el.AC) / kg(Syngas)	 LOWEST CAPEX Simplified high-temperature process	 DYNAMIC ECONOMIC OPTIMIZATION When external costs change, our PlasmaAgility-AI maintains max. profitability	 MODULAR & SCALABLE From small modules to large plants
 VARIABLE SYNGAS RATIO H_2 :CO from 1:1 to >2:1	 DIRECT TAIL GAS REFORMING No pre-reforming of recycled FT-tail gas necessary	 NO CATALYST Much lower CAPEX, lower OPEX, no CH_4 -slip	 NextGen DESIGN Lowest soot formation, no Metal Dusting

Product

- Our technology is embodied in **standardized 1 Megawatt, 40-foot container modules**, which produce 1 tonne of syngas per hour
- One standard **100 Million liters e-SAF plant** requires **30 container modules**

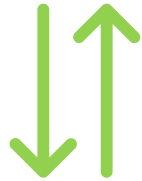


Business Model: capital-light & highly scalable

EPC Partner

...as a **scaling partner**:

- global sales network
- interests aligned with ours



Customer

- minimal risk
- high trust & flexibility



€3m retail price per 1MW-container giving us a

**€500k
margin**

€100k ARR

license fees per
year per 1MW-
container



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- capital-light scaling
- ARR with software-like margins
- perfect value-capture

A €226bn market is ready for disruption

250m

tonnes of
syngas p.a.
in 2030

CAGR

9.3%

10%

market share

3,000

refuel.green 1MW
container modules

€9bn
sales
+
€300m
ARR



3 beachhead
customers



Airlines
desperately
need to meet
SAF quotas



**Shipping
Companies**
are urgently looking for
green methanol
feedstock



**Chemical
Industry**
needs drop-in
solutions to meet
net-zero goals

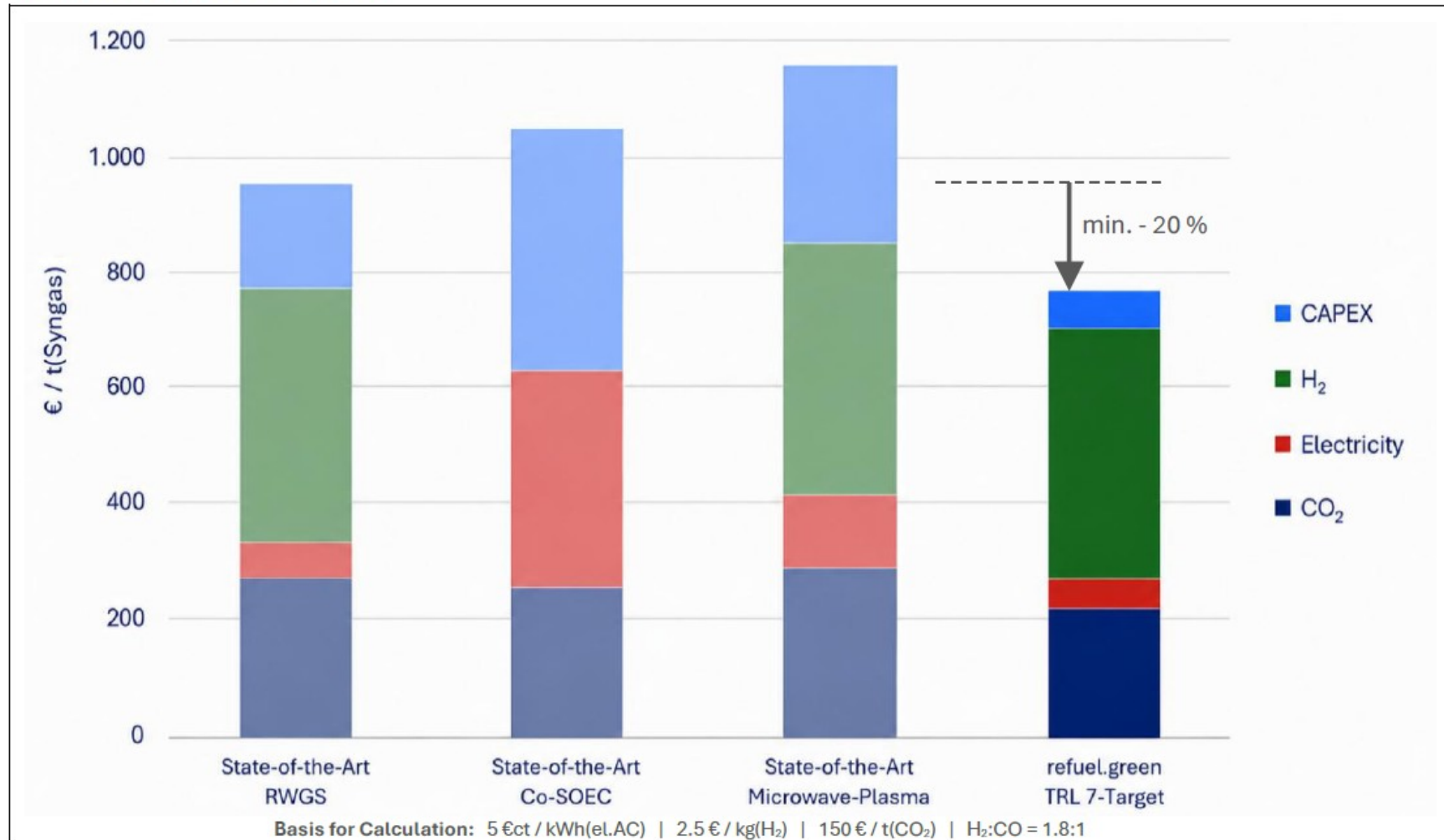
Competition

We provide:

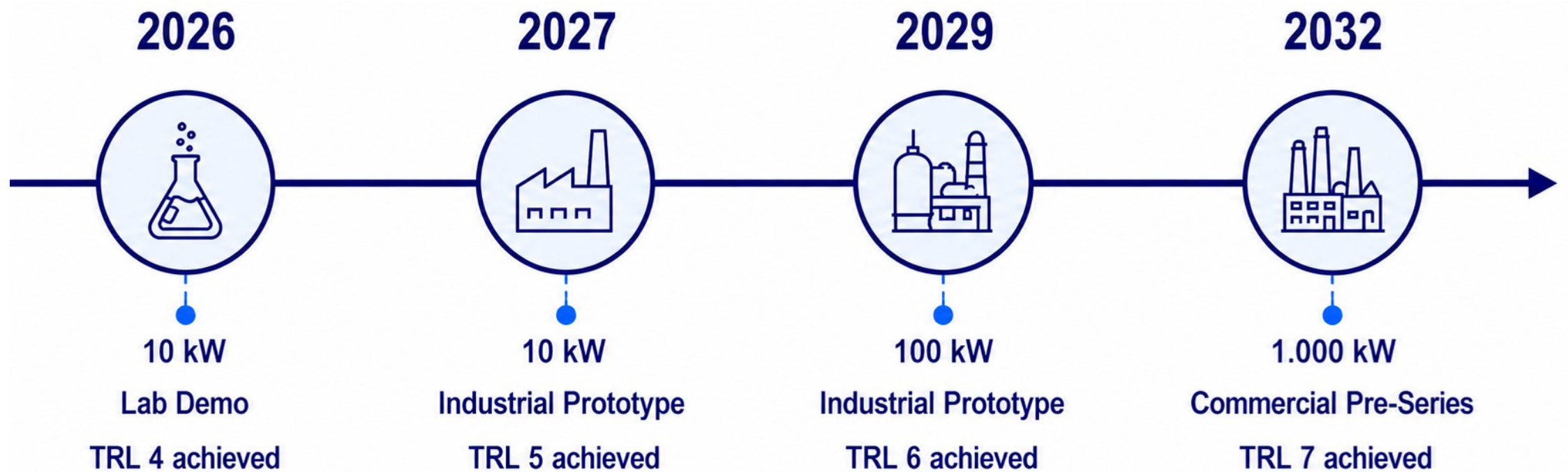
- No fossil CO₂ emissions
- Higher single-pass conversions than comparable startups
- Lower operational inertia than thermal technologies
- Little-to-no material degradation for a lower OPEX

	 Together we master Climate Change.	 Fossil CO	   Other Plasma-tech	      RWGS
 NO EMISSIONS				
 HIGH CONVERSION		-		-
 LOW OPERATIONAL INERTIA				-
 Low material degradation		-		-

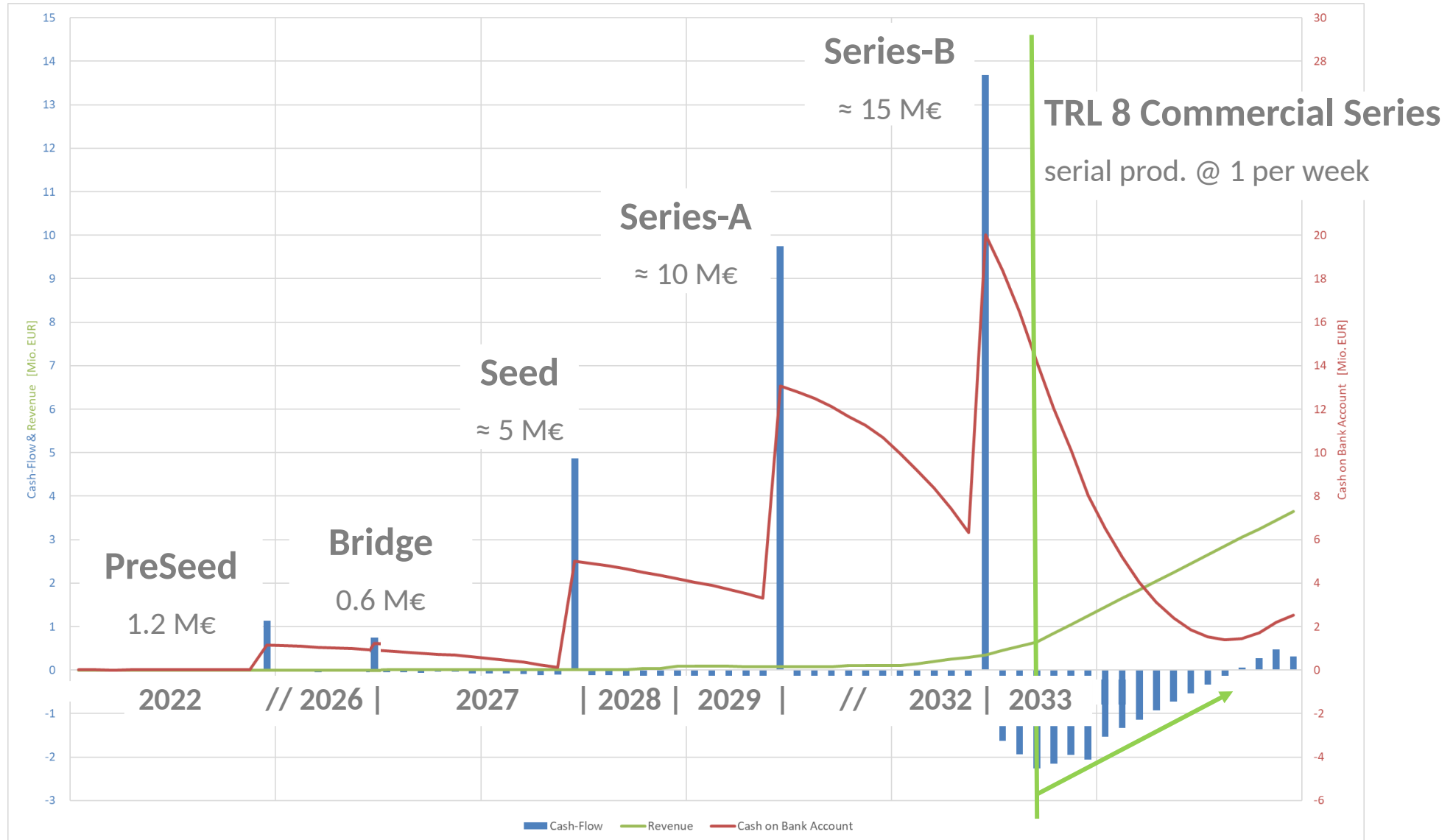
Economics – Our USP



Roadmap



Finance



The right team & momentum to scale up



Sebastian Becker
Technology & Product



Robert Schmid
Product-Market-Fit



Simon Vogt
Finance & Investor
Relations

...bringing:

Strong industry
network



&

15+ yrs of relevant
technical **experience**



...resulting in:

Tech Pivot
01/2026



TRL 4 done
06/2026



**TRL 5
start**
09/2026



**High speed
tech dev**



Our scaling partners are ready to go

C1 Green Chemicals

C1 welcomes refuel.green's technology and supports its validation and scale-up.



Griesemann Gruppe

Griesemann is prepared to contribute a defined amount of engineering support at its own cost.



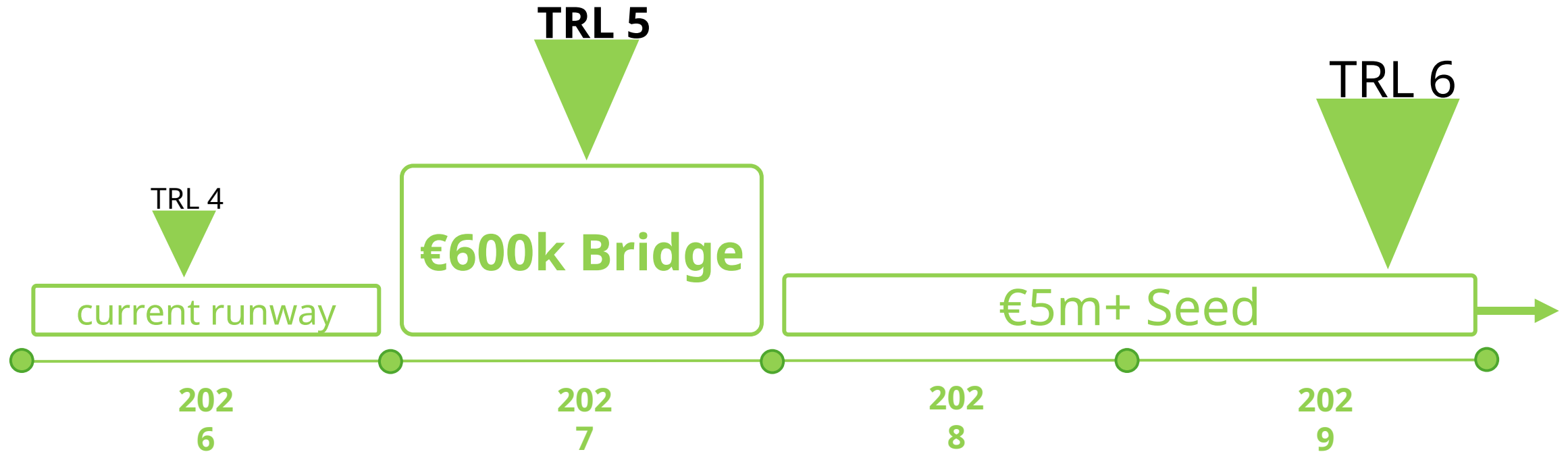
Uniper Kraftwerke

Uniper would like to explore the possibility of collaborating on demonstration projects.



€600k will get us to TRL 5 in 2027

- ...and have us **ready for seed-financing or M&A**
- ...accompanied by **€80k+ non-dilutive grants**



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