



Nowadays, it takes a minimum of 5 days before battery cells are graded good ("ok") or bad ("not ok") in production

5-28 days 1,5d 0,1d 0,5d 1d Flectrode Electrolyte Asse Self-Discharge Test / Aging Formation Manufacturing mbly Filling



5-28 days

Longest lead time in cell production process by far



20% of overall production floorspace

is used only for storage units for the Aging*step



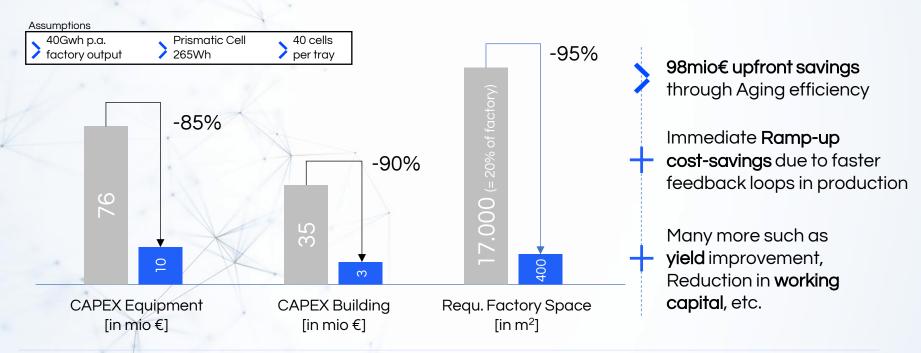
> 100m€ CapEx Costs for an average sized battery production line (40Gwh)





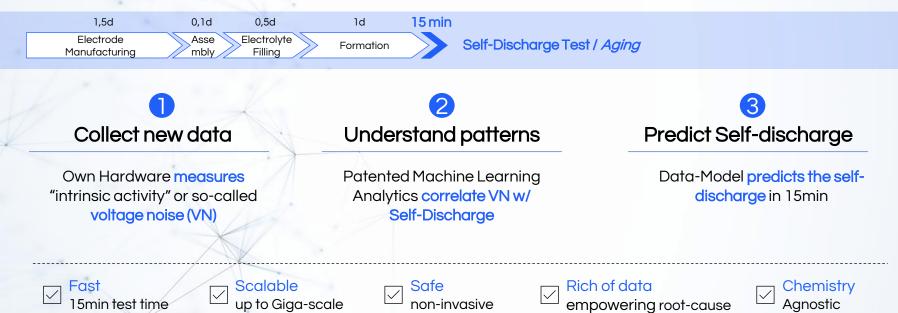


Limatica will reduce this production bottleneck/ footprint by applying a novel, innovative measurement technology based on voltage noise

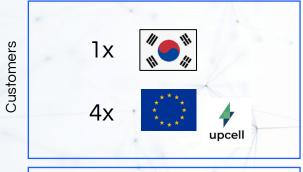




With Limatica's data, self-discharge patterns can be detected and behavior forecasted reducing the overall measurement time to 15min



Our international pilot customers & partners are convinced of the benefits of the solution and are validating with us on scale



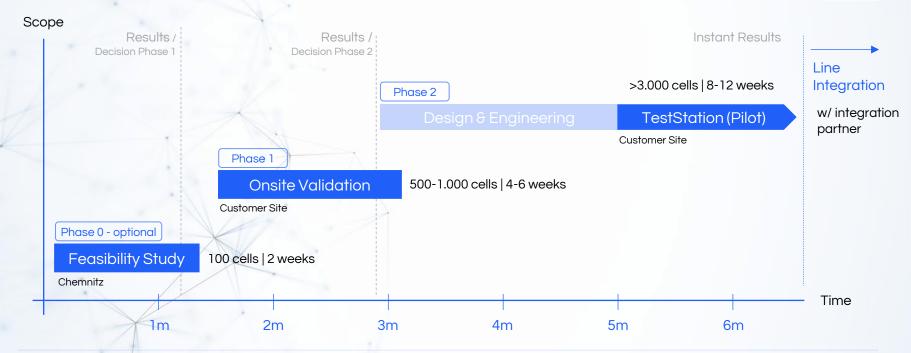
Sphere BETTERE EXPEDITION

- » Scope: ~10k cells in testing w/ leading battery manufacturers
- » Tech: Great agreement to conventional method validated in industry environment
- » Support: Strong industry partners & mentors with Asian & European background



Proven collaboration approach: Scale together from ramp-up to giga-scale





^{*}Proposal - Phases can be adapted/skipped based on customer needs/ requirements

**Limatica Partnership can be leveraged, but are not obligatory



Our team is ramping up with experts from industry & research to tackle the aging step in cell production



Dr.-Ing.
Paul Büschel
Data &
Hardware



Dipl.-Ing.
Thomas Günther
Software
Scaling



M.Sc. Bastian Ruther BizDev Financing Partnerships

Experiences



Polestar

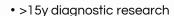


authentic



Capgemini invent

Info



- >14 Scaling formation as HW & SW Lead at Thyssenkrupp
- VC backed, co-financed by EU
- HQ in Chemnitz, Germany

Customers & Partners







Among others

Want to tackle your

- time-to-customer
- Ramp-up
- CapEx?

Scan to meet

Let's talk.

Record of the state of the





