



**statevolt**

Company presentation

# Executive summary

Statevolt will build a technology-agnostic facility for the battery cell production in the State of California. Our vision is to be a leading player in accelerating energy transition for a more *sustainable future* and we are contributing to a *hyper-local supply chain development*, that is strongly encouraged and supported by President Biden and his Administration. SV will draw on the state-of-the-art cell technology from its partners in joint venture.

The company was founded in August 2021 in the state of Delaware.  
Please view the main milestones identified as of today:

- Pilot line to test cell production, provide our prospective customer with samples during qualification process.
- Gigafactory - production facility with the capacity of up to 54 GwH.
- The production will be modular to accelerate the route to market. Start is planned for the H2 2025
- SV battery cells will be used on EVs and ESS (energy storage systems).

The below presentation states our production approach, project timeline, as well as technical requirements and ESG aspects, high level financing structure.





# Among the largest Gigafactories in the USA located in California



54 GWh

Battery cell production capacity



3,5 \$Bn

Total CAPEX investment



Up to 2,500

Personnel directly employed



3.2m sqft

Production building surface








Low CO<sub>2</sub>

Emissions from production process



# Why Statevolt is set for success

	<b>Fast growing battery demand market</b>	Li-ion battery demand in North America is expected to grow significantly driven by the e-mobility reaching <b>560+ GWh in 2030</b>
	<b>Large unfulfilled demand</b>	Battery market, mainly driven by EVs, will be <b>undersupplied by 200+ GWh</b> in 2030
	<b>Modular approach with licensed technology</b>	Statevolt aims to design a future-proof <b>modular production facility</b> to meet OEMs demand with licensed battery technology
	<b>Experienced team and partners ecosystem</b>	Statevolt can leverage <b>previous expertise</b> in the gigafactory space and a renowned partners team
	<b>A fully sustainable manufacturer</b>	Statevolt has sustainability as its core value through a specific <b>Environmental, Social and Governance</b> approach along the entire supply chain



# Expected benefits for the Community



## Market catalyst

- Allowing the national carmakers and utility companies to reduce their dependency from international suppliers



## Employment driver

- Creating new employment in high-demand sector and offer up/re-skilling opportunities for local communities



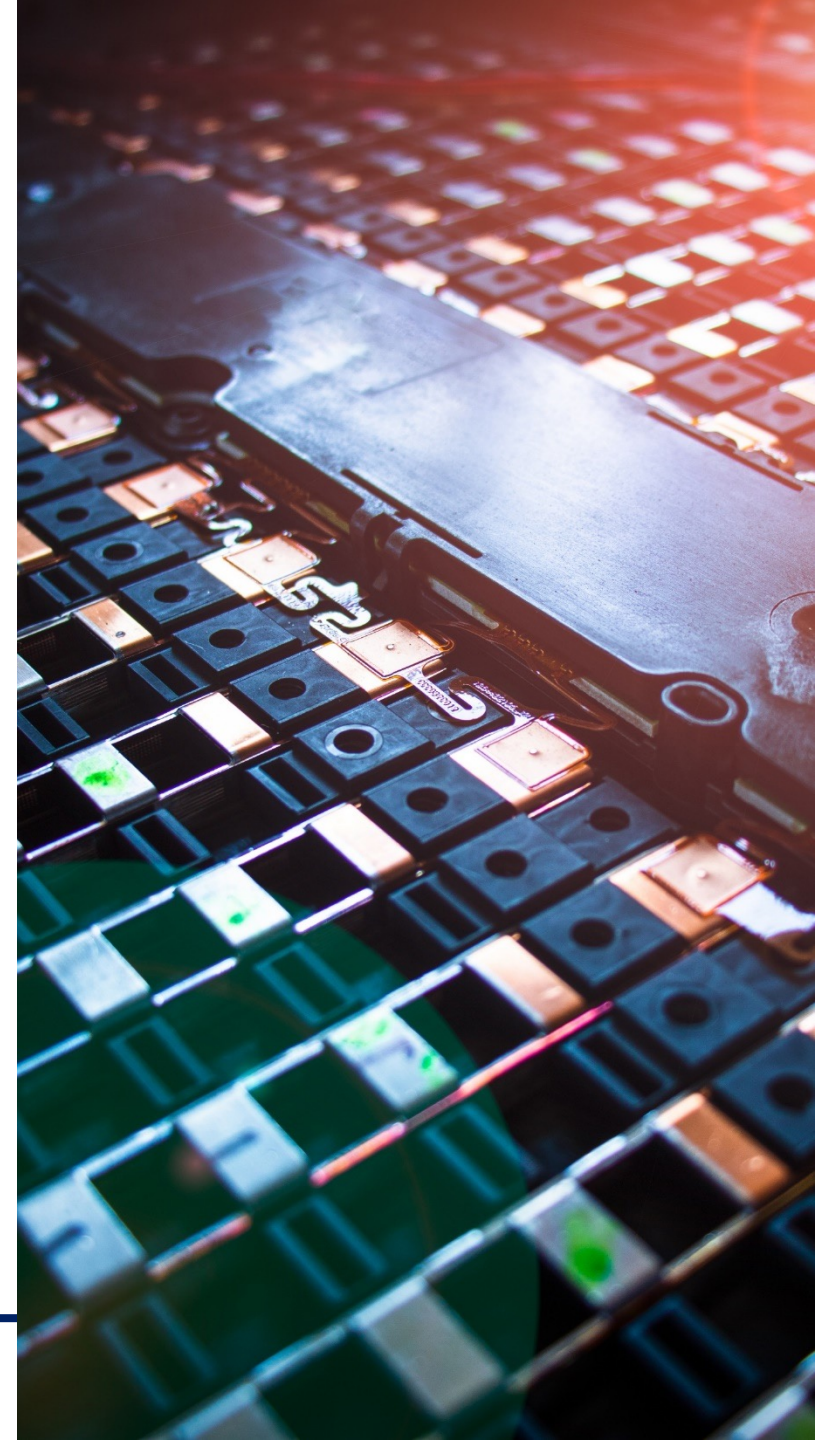
## Value chain stimulus

- Enabling local economy development in the nearby area of the production plant including services for employees, their families and the real estate market

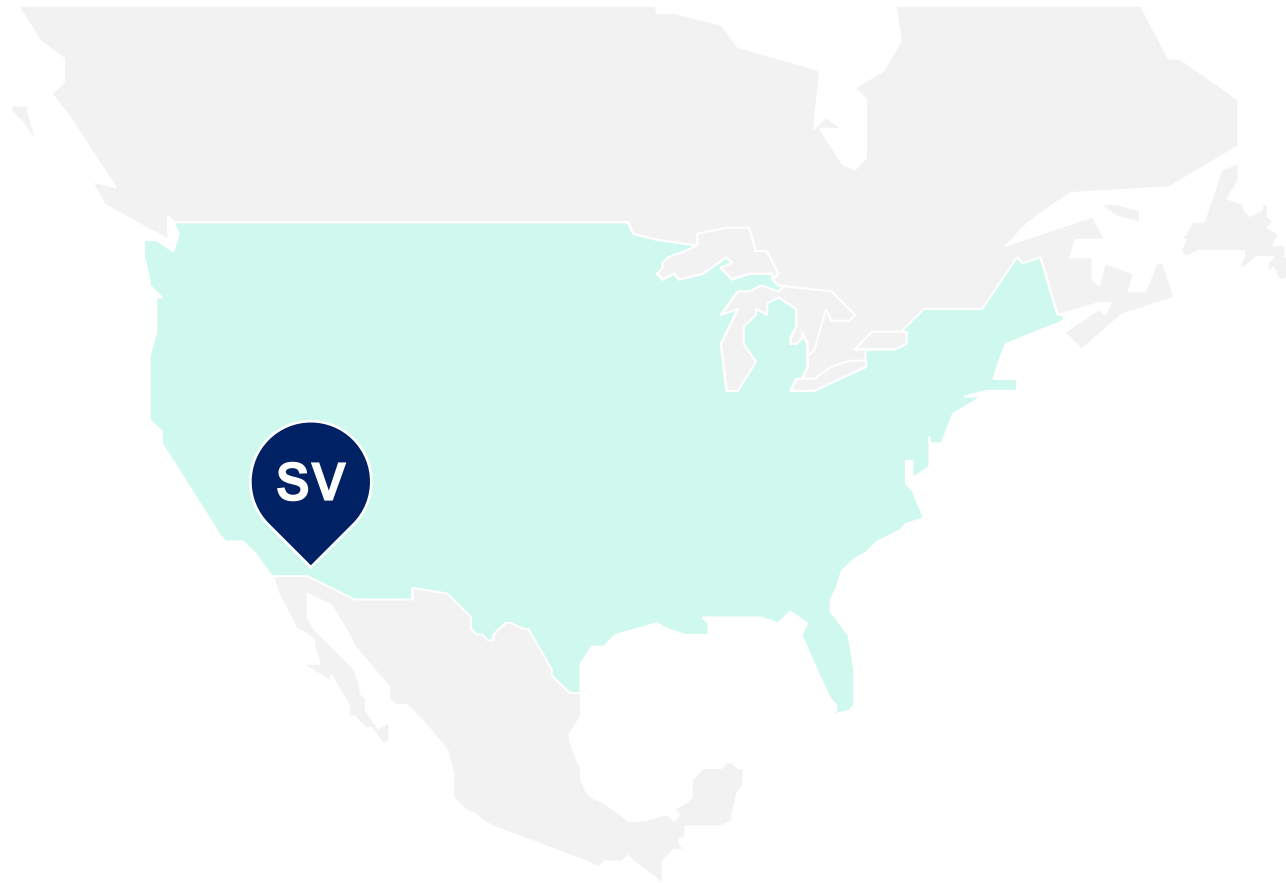


## Positive spillover

- Positioning the region at the forefront of innovation along a strategic path for green transition with positive spillover effects on the highly specialized electrochemistry sector and process excellence



# Statevolt will be strategically located in the Imperial Valley in California



***Locating in the imperial valley  
is fundamental to...***

**...ensure local supply of  
critical raw material**

**...secure access to heat and energy  
for cells manufacturing**

**...minimize carbon footprint  
leveraging nearby geothermal areas**

# Our approach is built upon 4 pillars



## Modular and future-proof production approach

- Production lines designed to accommodate **multiple technologies** within the same factory
- **Fast go-to-market** approach and **scalable output** to ensure quick manufacturing scale-up



## Hyperlocal sustainable business model

- Local **environmentally sustainable supply chain** for key raw material and energy sources thanks to intended partnership with CTR
- Closed-loop production process focusing on on-site **scrap and battery recycling** to minimize waste of precious raw material



## Latest technology at its core

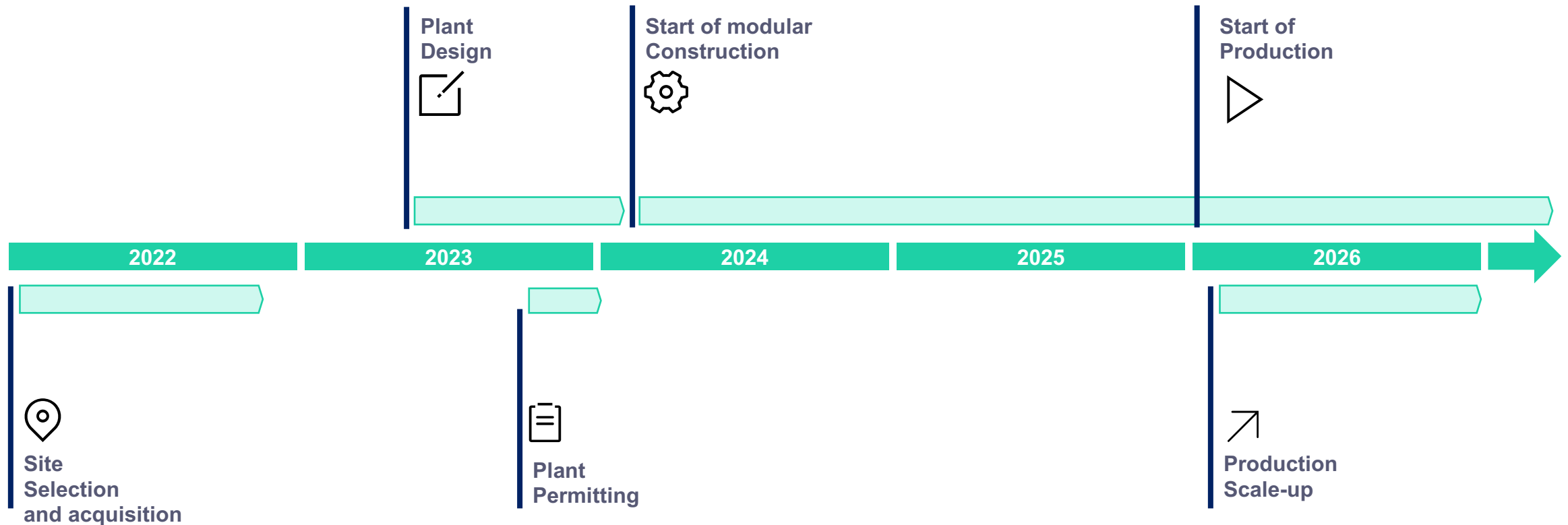
- **State-of-the art production process** leveraging advanced high-speed manufacturing technologies
- Designed with **interconnectivity and data driven** approach leveraging AI to ensure production efficiency and cells quality



## Beneficial for the community

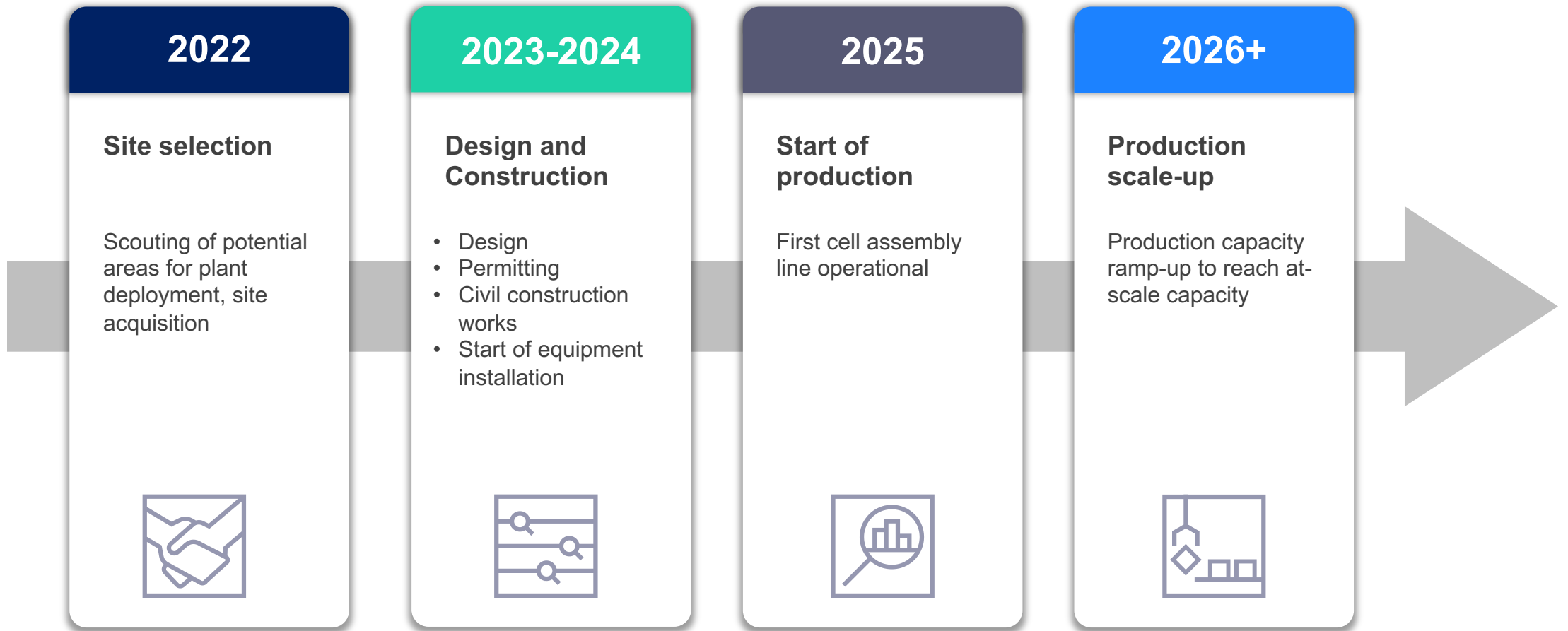
- Significant impact on the **local workforce** employment focusing on up/ re-skilling of local workers
- Positive spillover effect on the local community with the creation of **ancillary jobs** functional for the factory employees and their families (e.g. hairdressers, teachers, bakers, retail, ...)

# Upcoming months will focus on plant design and obtaining the permitting





# Statevolt will ramp up quickly to start production in 2025 and then scale-up in the following years



# Statevolt will ensure to adopt a comprehensive ESG approach...

## Environment

### Raw material

Secure fully sustainable sourced raw materials leveraging the partnership with CRT for local lithium supply

### Production

Ensure low emission production also through the use of renewable electricity from geothermal sources

### Recycling

Ensure recycling of cathode scrap material and setting foundation for the full end-of-life battery recycling

## Social

### Labor

Commit to fair labor practices and market level compensation across the entire value chain

### Up/ Re-skilling

Development of programs for upskilling and tailoring career paths for highly in-demand capabilities

### Community engagement

Engage local communities providing employment and development opportunities

### Equal opportunities

Promote equal opportunities in the workforce ensuring no discriminations are applied

## Governance

### Transparency

Establish standards for measuring and disclosing the value Statevolt provides to society

### Resilience

Proactively manage internal processes and the entire value chain to ensure issues are promptly resolved

### Data & privacy protection

Apply best-in-class security on all data generated, transformed and consumed throughout operations



# ...using as a core framework the Sustainable Development Goals designed by UN



## Environment



*We will support the transition to renewable energy providing reliable and cost effective energy storage*



*We are committed to innovate our manufacturing processes to provide cells at competitive prices*

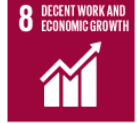


*We will ensure sustainable raw material sourcing along the entire value chain leveraging our partners*

## Social



*We will develop educational and training paths for the younger generation, while supporting the up-skilling and re-skilling of experienced worker*



*We are committed to fair labor practices and market level compensation to promote local economic growth*

# The partnership between CTR and Statevolt will be beneficial for both



**Sustainable supply of lithium**



**Low carbon heat and power supply**



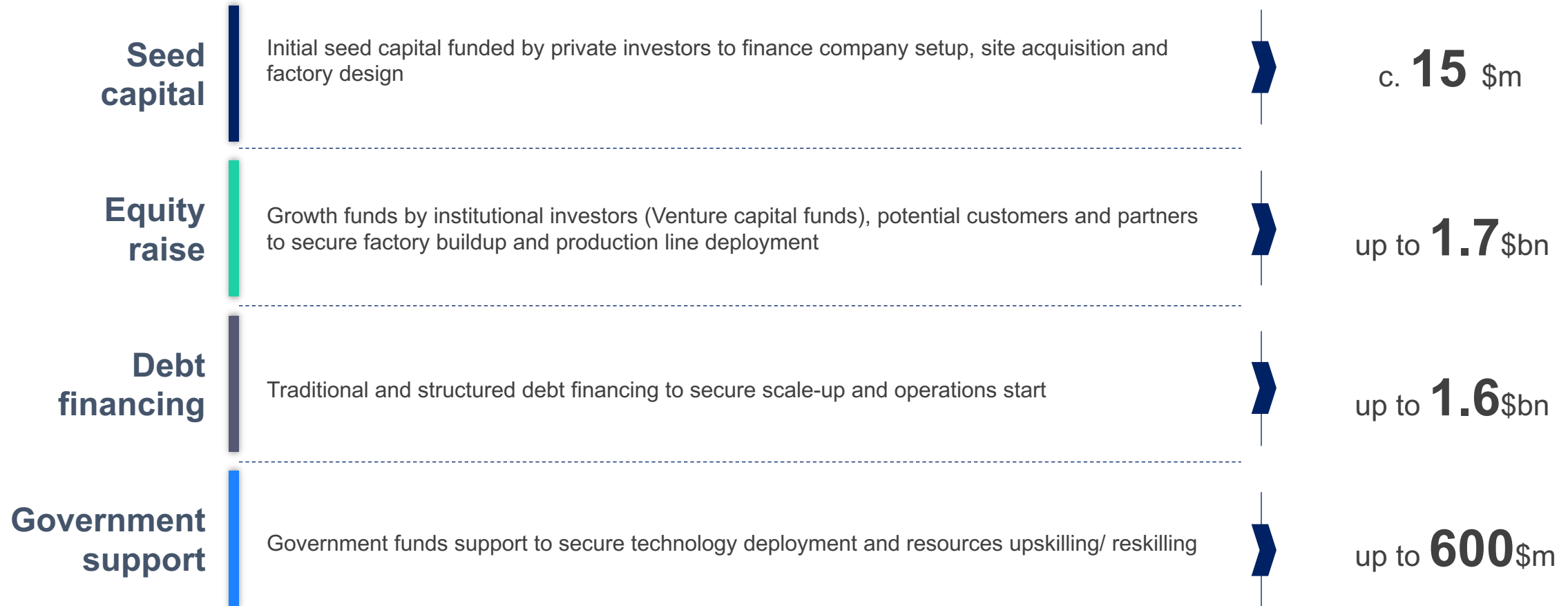
**Anchor client for lithium and power**



**Possibility to co-locate generating spillover effect**



# Expected finance structure of the gigafactory<sup>1</sup>





# Thank You

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