



Harnessing the power of photosynthesis
to mitigate climate change

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From robust production strains to edited algae cells and ultimately to biomass feedstock

We have defined the technology set at meaningful scale

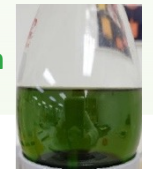
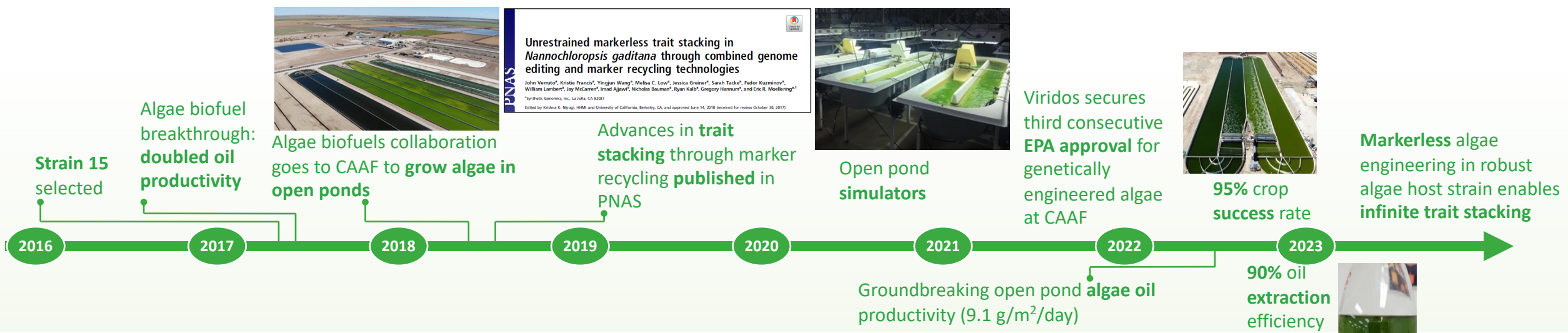
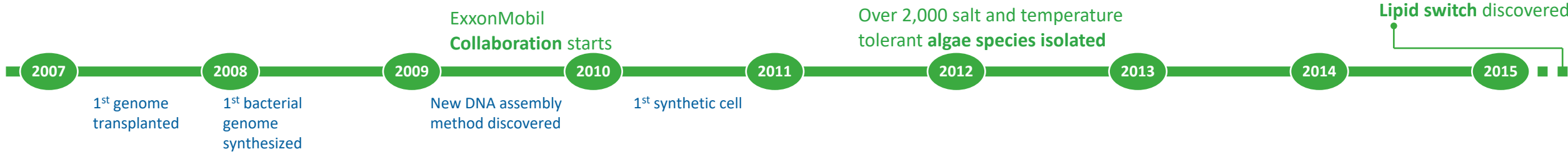


Viridos has pioneered a suite of proprietary algae engineering capabilities

Over a decade and a half leadership in synthetic biology



Viridos algae biofuels breakthroughs
Viridos synthetic biology breakthroughs

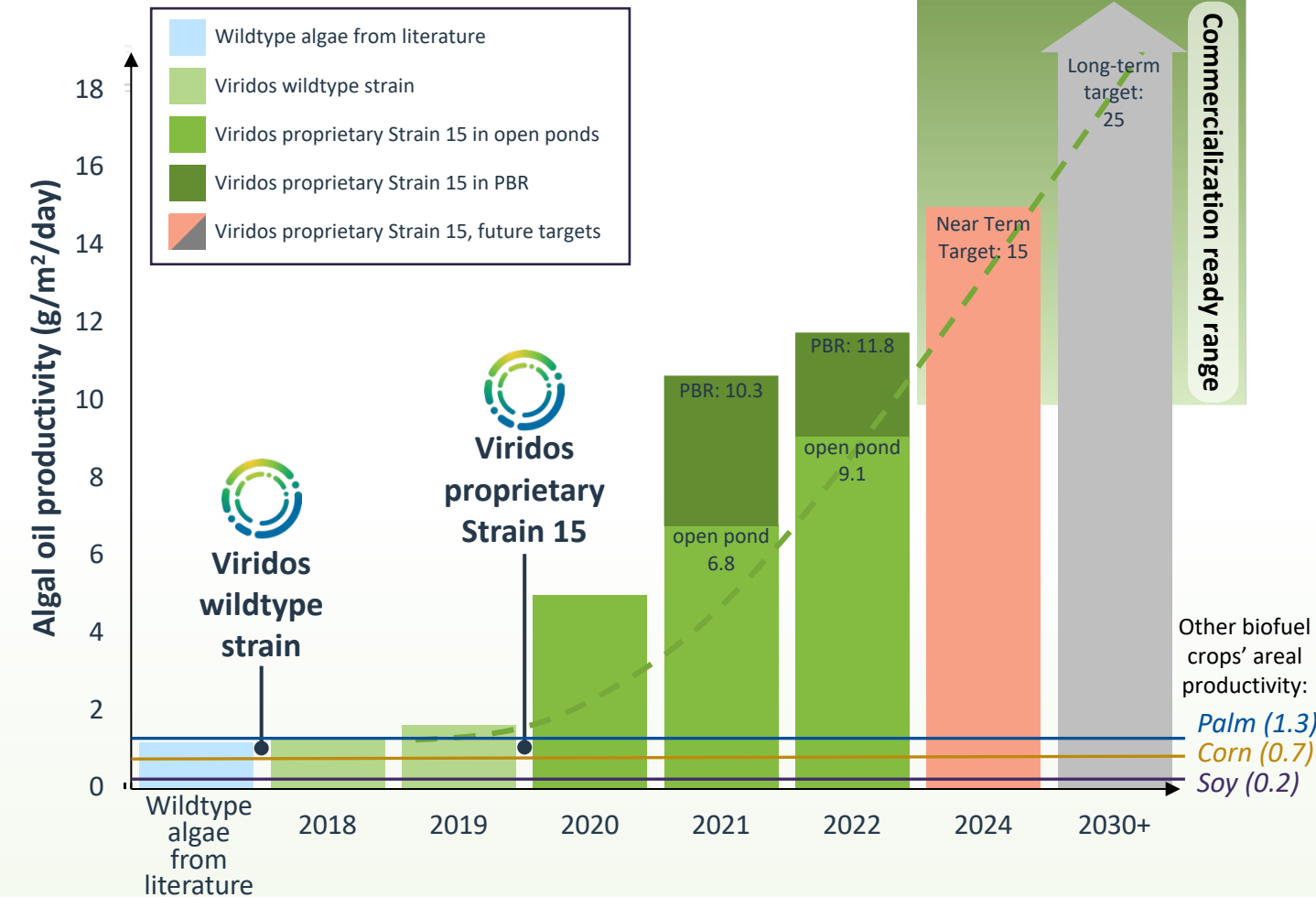


CAAF = California Advanced Algae Facility



Viridos algae biofuels: commercial productivity threshold is in reach

Fuel productivity per unit of land



- 2022 Viridos algae oil productivities in open ponds are **7-fold higher** than best wildtype algae and our starting point in 2018
- Viridos Strain 15 has been **successfully grown at up to acre scale** for several years in CA
- Viridos trait stacking capabilities** provide the foundation for further productivity improvements
- Targeting 15g/m²/day algae oil by **end of 2024 - commercialization threshold**
- Long run oil productivity target is 25 g/m²/day.** That will translate into **producing low carbon fuels at current fossil fuel prices**

- Algae yields are extrapolated estimates
- Ethanol converted to gallons of diesel equivalent