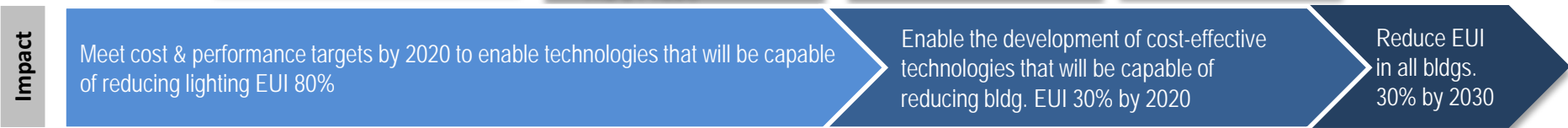
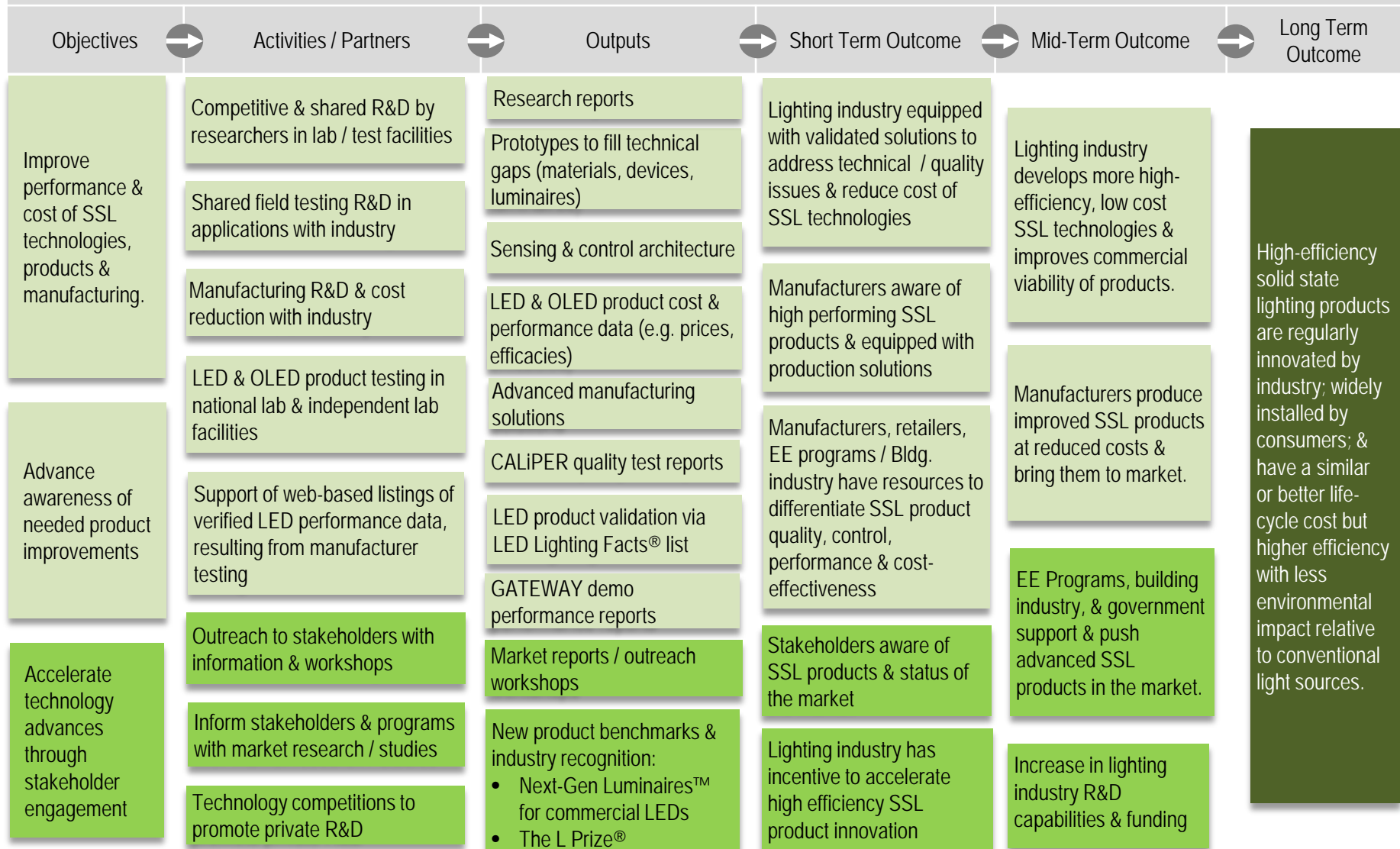


The SSL Sub-Program focuses its efforts on accelerating innovation and product development, improving product efficacy and performance, reducing manufacturing costs, and overcoming technical challenges that inhibit market acceptance.

External Influences: DOE budget, Spin-off products, Electricity prices, Private sector R&D, Market incentives, Legislation / Regulation





Solid State Lighting Research and Development Logic Model

OBJECTIVE	ACTIVITIES	KEY OUTPUT	SHORT-TERM OUTCOME	MID-TERM OUTCOME	LONG-TERM OUTCOME
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Reduce cost and develop next-gen SSLs

- LED and OLED R&D
- Field test of SSLs
- Manufacturing cost reduction R&D

- Next-gen prototypes
- SSL performance reports
- Validated cost reduction methods

Cost-competitive, high-performing SSLs

More cost-effective products in the market

Accelerated high performing SSL market growth

Increase market knowledge

- Host industry competitions
- Support & outreach to stakeholders

- Product benchmarking & industry recognition
- Analysis-based educational material

- Increased market incentives
- Increased product awareness

Increased private R&D dollars

EXTERNAL INFLUENCES

- DOE Budget
- Spin-off Products
- Market Incentives
- Legislation / Regulation
- Electricity Prices
- Private R&D