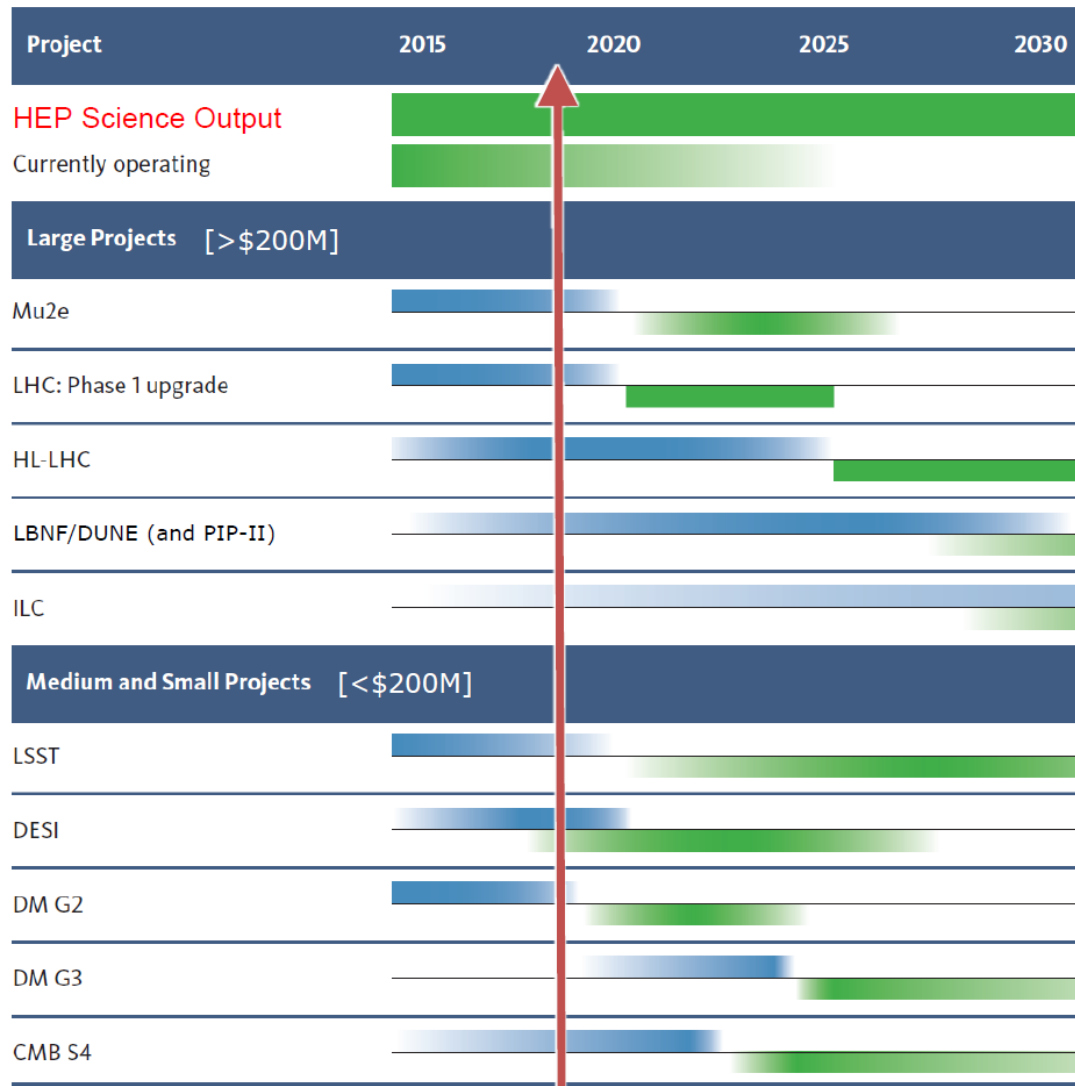


# P5 Implementation Status – FY 2019

Jim Siegrist, November 2018 HEPAP



## All projects on budget & schedule

- ▶ Projects fully funded as of FY19
  - ▶ Muon g-2: 1<sup>st</sup> beam 2017
  - ▶ LHC detector upgrades: on track for 2019/20 installation
  - ▶ Mu2e : 1<sup>st</sup> data in 2020
  - ▶ LSST: full science operations 2023
  - ▶ DM-G2 (superCDMS & LZ): 1<sup>st</sup> data 2020
  - ▶ DESI: 1st light 2019
- ▶ HL-LHC accelerator and detector upgrades started on schedule
- ▶ LBNF/DUNE & PIP-II schedules advanced due to strong support by Administration & Congress
- ▶ CMB S4: developing technically-driven schedule to inform agencies, NAS Astro 2020 Decadal Survey
- ▶ DM-G3: R&D limited while fabricating G2
- ▶ ILC: cost reduction R&D while waiting for decision from Japan
- ▶ Broad portfolio of small projects running

### Legend:

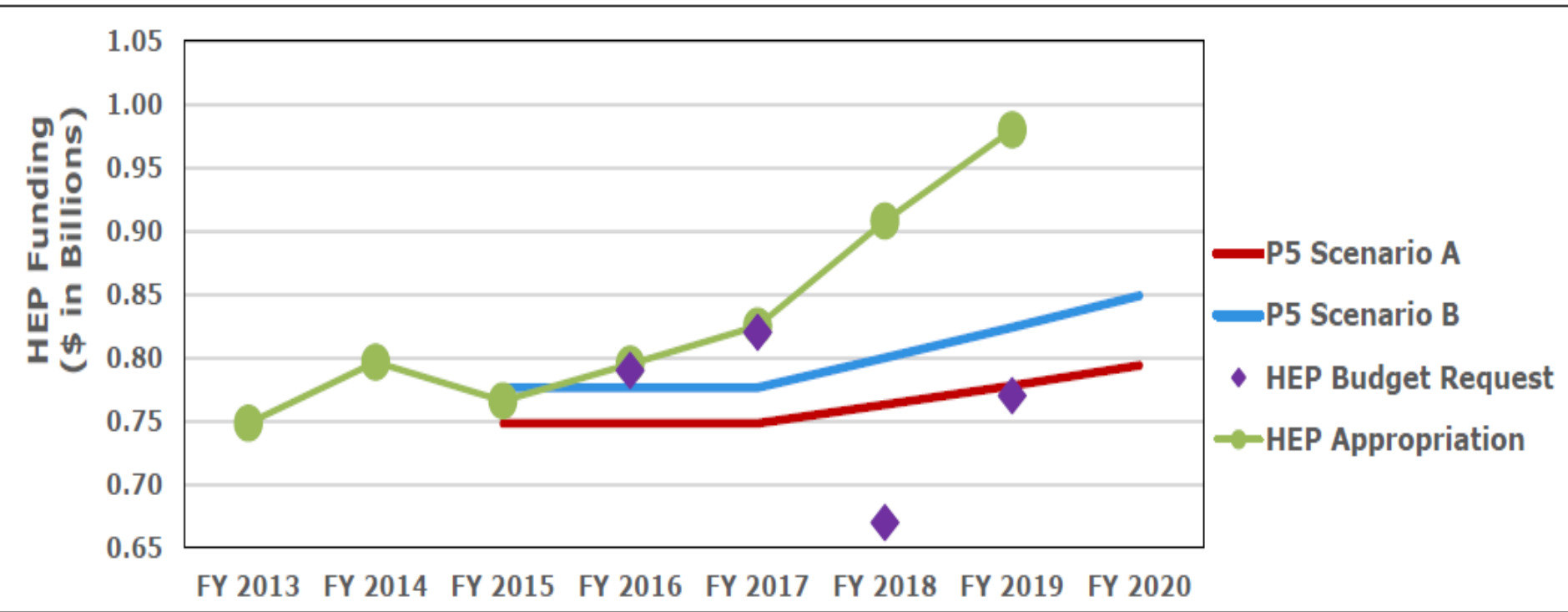
- **Approximate Construction**
- **Expected Physics**

You are here

November 2018

HEP Status at HEPAP

# DOE HEP Budget History



From Alan Stone's November 2018 HEPAP presentation.

# Fermilab DOE 413.3B Project Landscape

