



Lawrence Berkeley National Lab Capital Projects

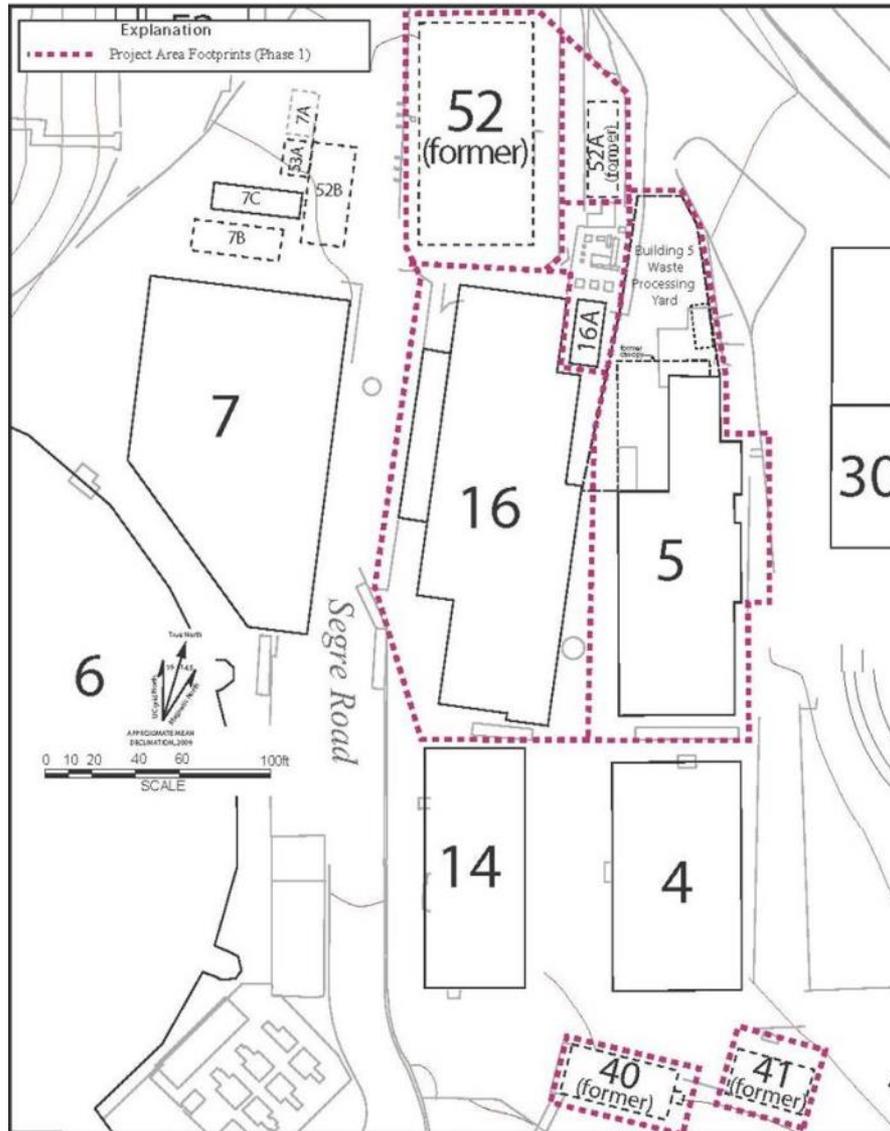
Presentation to Community Advisory Group

June 13, 2016

Old Town Demolition Phase 1



Old Town Demolition Phase 1

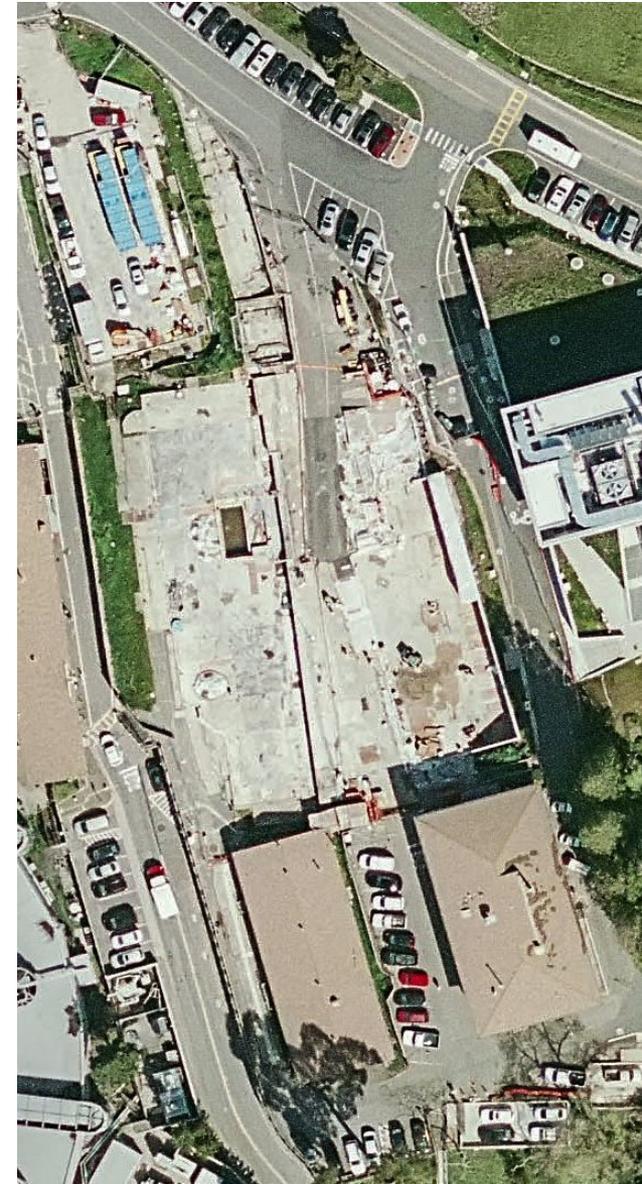


Location of Old Town Demolition Project Area (Phase 1)
- Buildings 5, 16, 16A, 40, 41, 52 and 52A.

Old Town Demo Phase 1: Project update



- Cleanup of PCB contamination in soils near B52/B52A areas and for soils near B16/B16A areas approved by EPA
- Removal of B5 slab, foundation, utilities, and shallow soil from under building completed
- Removal of low-level radioactive waste processing yard slabs, utilities, soils in progress
- Packaging and shipping of soils continuing
- Filtration of collected stormwater in progress
- Phase I completion expected in 6-9 months



Old Town Demo Phase 1: B5 area cleanup



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Old Town Demo Phase 1: Low level radioactive waste processing yard



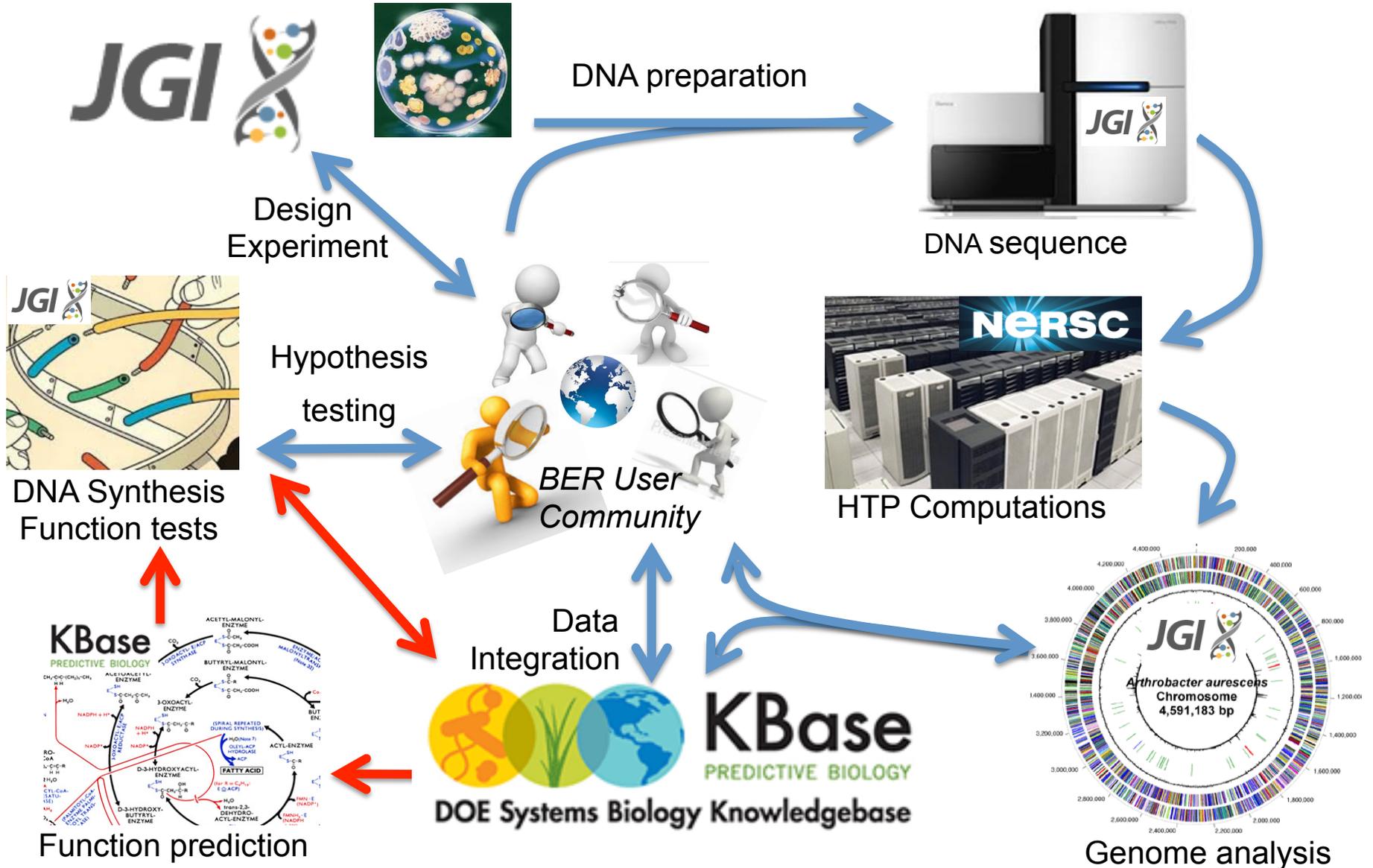
Old Town Demo Phase 1: Storm water filtration equipment



IGB: Perspective from northwest



IGB: BER/LBNL genome biology



IGB: Status



- Design has been completed and the project is currently out to bid
- Final design and budget with bids in hand will be presented to DOE in July for approval to proceed with construction in August
- Anticipate construction to take approximately 24 to 30 months completing in August 2018
- Move in to the building will take approximately 6 months

Wang Hall: NERSC 9 Upgrade



- Currently houses Cori (N8) Phase 1 and Edison (N7)
- Proposed electrical and cooling upgrades would accommodate NERSC 9



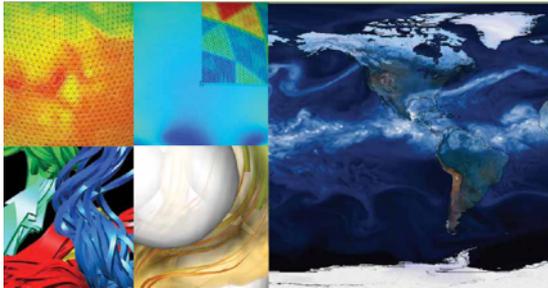
Wang Hall: NERSC mission



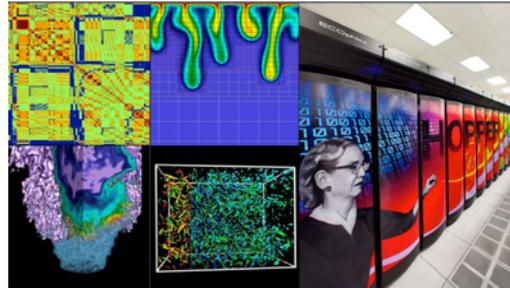
U.S. DEPARTMENT OF
ENERGY

Office of
Science

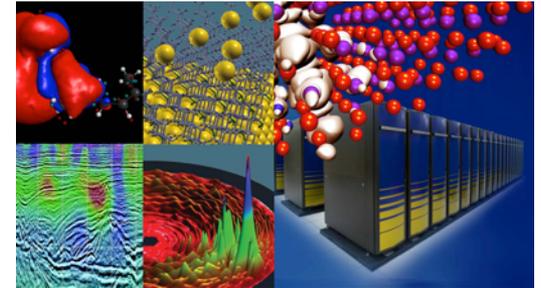
Largest funder of physical
science research in U.S.



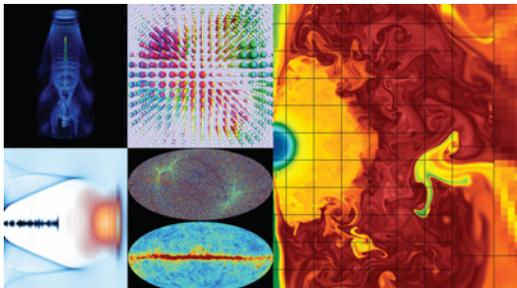
Biology, Environment



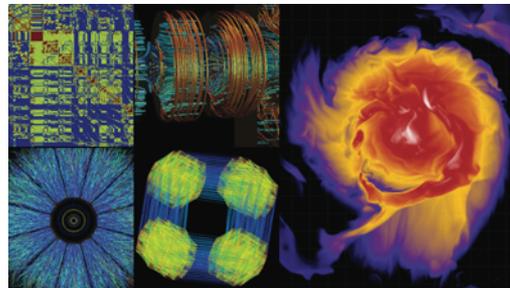
Computing



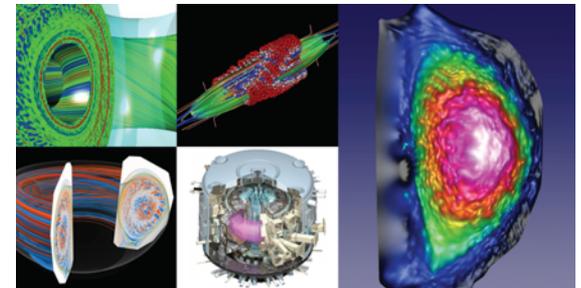
Materials, Chemistry,
Geophysics



Particle Physics,
Astrophysics

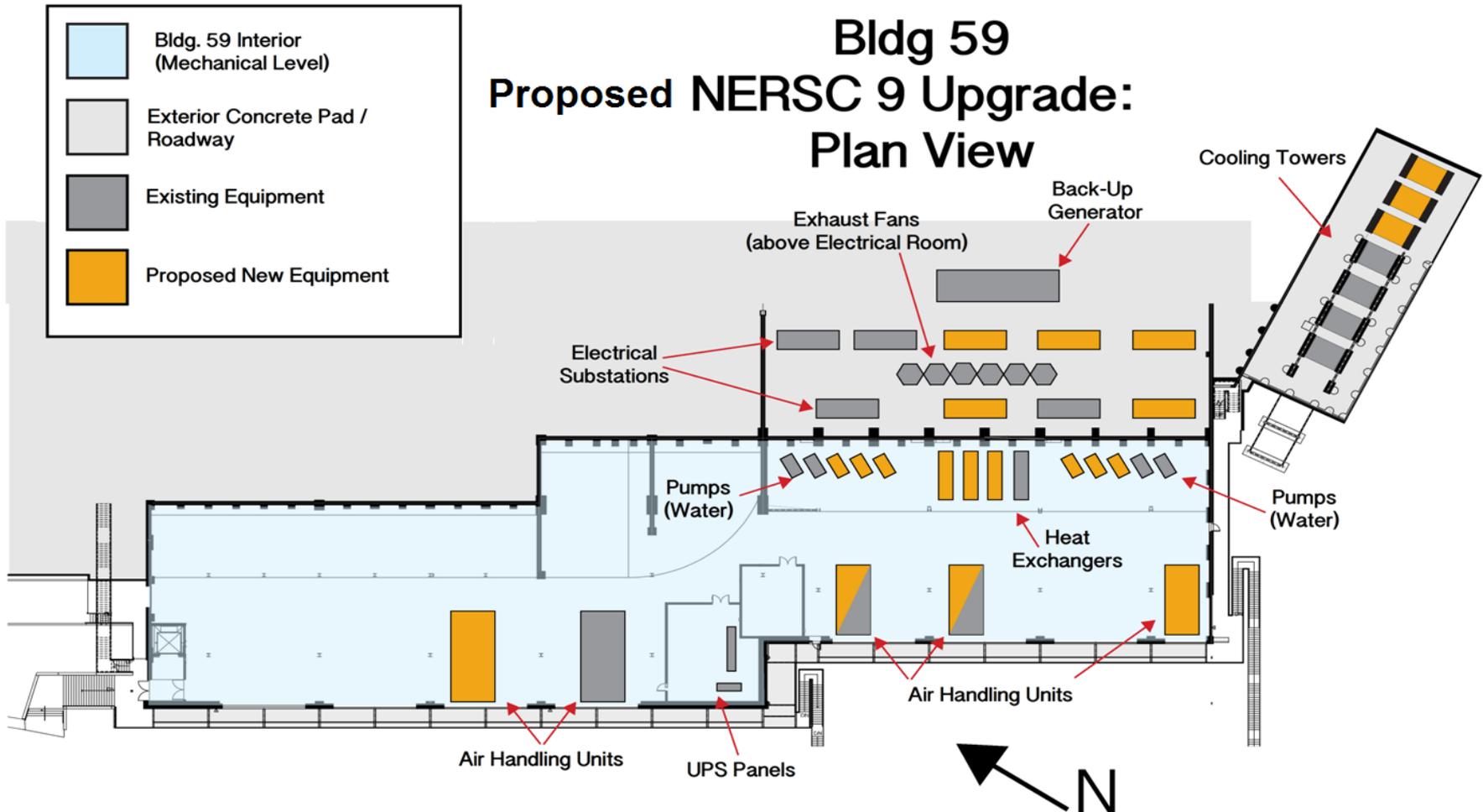


Nuclear Physics



Fusion Energy,
Plasma Physics

Wang Hall: NERSC 9 Upgrade scope



Wang Hall: NERSC 9 Upgrade status



- Critical Decision 1: CD-1 approved alternative selection and cost range
- Preliminary design development complete
- Initial engineering comments received

Wang Hall: NERSC 9 Upgrade next steps



- Bid subcontracts Spring 2017
- Start construction Summer 2017
- Approximately 42 months for construction (funding provided over 3 years)
- N9 Upgrade construction complete ~ Spring 2020

Wang Hall: NERSC 9 Upgrade CEQA



- LBNL will prepare Focused EIR
 - Emphasis on greenhouse gas emissions
- Public/Agency scoping process initiated June 1, 2016 (see handout)
 - Solicit input on EIR scope
 - Notice of Preparation / Initial Study issued
 - 30-Day Period (June 1 – June 30)
 - Public Scoping Meeting on June 21

Wang Hall: NERSC 9 Upgrade CEQA



CEQA Milestone	Dates (all 2016)
Public Scoping	June 1 – June 30
Public Scoping Meeting	June 21
Draft EIR	August – September (45-day review)
Public Hearing	September
Final EIR	November
EIR Decision / Certification	November



Thank You

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