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# Sandia Infrastructure Investment Planning (SIIP) Process

Presented by:

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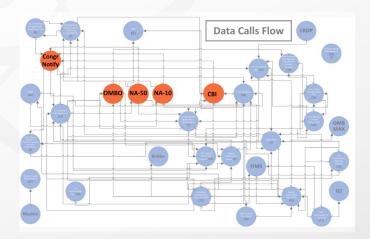


Sandia National Laboratories

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#### Inception of SIIP

#### **ISSUES**



- Lack of corporate planning process and cohesive investment strategy
- Ad hoc and siloed data call processes (30+ databases)
- Prioritization is fragmented across process ownership
- Information is inconsistent due to multiple databases
- Inefficiencies and confusion amongst internal and external customers
- Perception of funding "shopping"

#### **FOCUS AREA**



Sandia Infrastructure
Investment Planning (SIIP)
Process

an approach for how Sandia identifies its F&I investment needs to obtain funding

"One Database"

a single source of truth for data related to Sandia's F&I investment needs

#### **RESULTS**



- One Database
- Prioritization process including informed funding decisions
- Input from multiple lenses
- Lab-wide Portfolio Balancing
- Better alignment of F&I needs to funding sources
- Documented direction on funding sources use aligned to CAS
- Continuous feedback and improvement









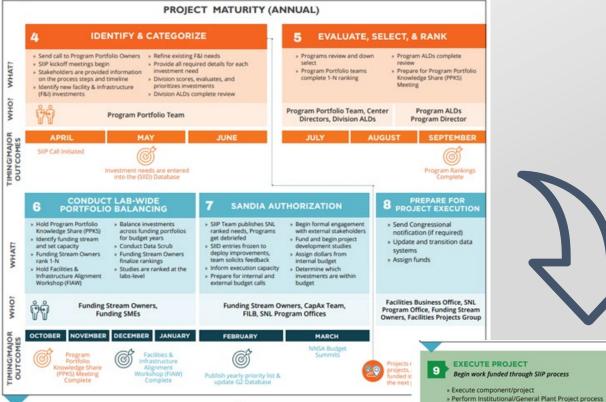
(3-5 years)

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#### SIIP 10 Step Process



#### **Annual Process**





Perform line item process
 Reporting/communicate to stakeholders

MONITOR & CONTROL (QUARTERLY)

» Review and report Labs-wide portfolio

» Identify impact from strategic change
 » Review and implement lessons learned/feedback

Strengthen process through review of evolving landscape



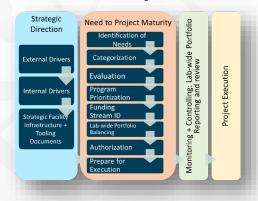






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### Annual process





Planning (SIIP) Published List FY23 Indirect/FY24 Direct Final listing of FY23 indirect and FY24 direct **Projects** will be executed as funding is available

#### **IDENTIFY & CATEGORIZE**

SIIP call

goes out

Begin SIIP

meetings

kickoff











**EVALUATE, SELECT, & RANK** 







Funding

Stream

Owners

rank 1-N





Begin

calls

response

to budget





**PUBLISH** 

**PRIORITY LISTS** 

Sandia Infrastructure Investment

#### **SANDIA AUTHORIZATION**









#### Investment needs are refined, added, scored in database, H/M/L is assigned/



Portfolio teams complete their review down-select & perform

Program



#### Hold Program Portfolio knowledge share meeting





**CONDUCT LAB-WIDE** 

PORTFOLIO BALANCING





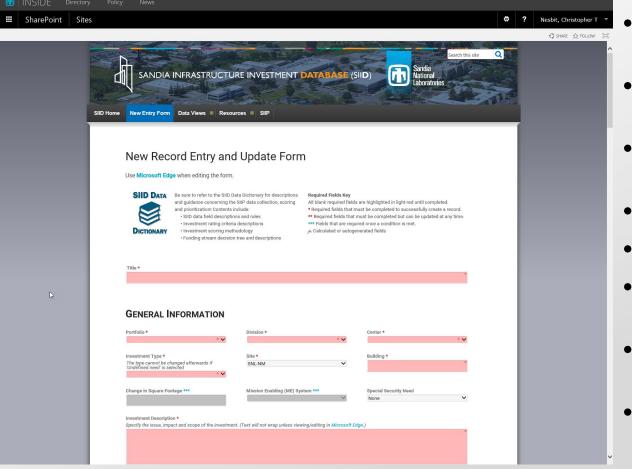






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#### SIID entry data collection





- Web-based intake portal and data repository
- Title, Portfolio, Division, Center, Investment type, location
- Investment description (Issue, Impact, Scope)
- Risk to Mission <u>Without</u> Investment
- Requirement drivers
- Investment Requestor, Manager, and POCs
- TPC amount, estimate class level, date of estimate, and need by date.
- Initial Funding Stream and Alternate



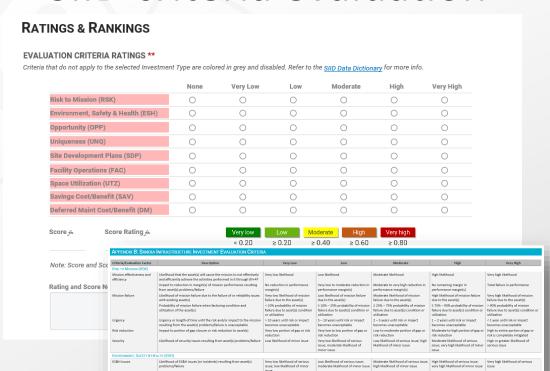






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#### SIID criteria evaluation





- 9 Scoring Criteria (Risk, Safety, Opportunity, Uniqueness, Site Development, Facility Ops, Space Utilization, Fac Ops Savings, DM Savings)
- Notes for criteria scoring captured during intake and Division review.
- Scoring value is normalized, 0.00 1.00 scale, project specific – not all criteria may apply
- Criteria scoring based on definitions, but may have variance – Used to initiate conversation, not yet determinant.

Very low	Low	Moderate	High	Very high
< 0.20	≥ 0.20	≥ 0.40	≥ 0.60	≥ 0.80









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#### Need vetting and prioritization



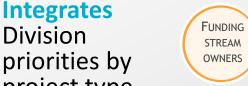


Identifies Wants vs. Needs

SME need



Division project type



**Balances** need funding requests to funding portfolios



**Publishes** "Single List" of needs for yearly budget summits

Program integration understanding

 Reviews and confirms need match to funding sponsors

Down-selected needs specific to budget year

Down-selects entries to operational impacts (VH-VL)

knowledge

detailed intake

 Proposes rank order based on 1-N

 1-N all needs (operations)

Down-selects entries (further) to risks and deliverable impacts

1-N (mission)

funding source priorities

Ranking within historical funding and over-target priorities





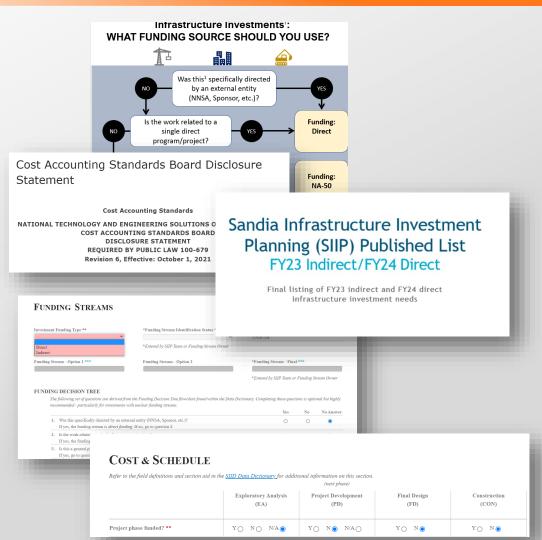




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#### **Funding Identification**

- Principled approach to ensure correct funding source is identified
- Funding Decision Tree, Cost Accounting Standards Disclosure Statement, and team of experts determine funding source
- Funding stream owners review, approve and rank investments
- Published list of investments available for funding input
- Requests approved through normal processes
- SIID updated when funding is secured





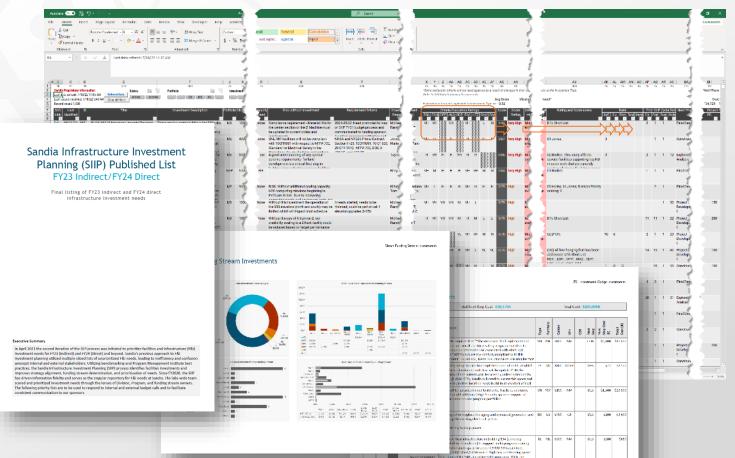






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### Scoring, prioritizing, ranking, balancing, publishing



- Division generally down-selects to a Top Needs only list for budget targets
- Program aggregates Division 1-N lists and filters to project type for ranking
- Program down-selects project type list respecting top Divisions' rankings and utilizes criteria score for ties
- Funding sources balance aggregate project types to external criteria (if available) and historical funding
- Planning publishes year end list for budget conferences





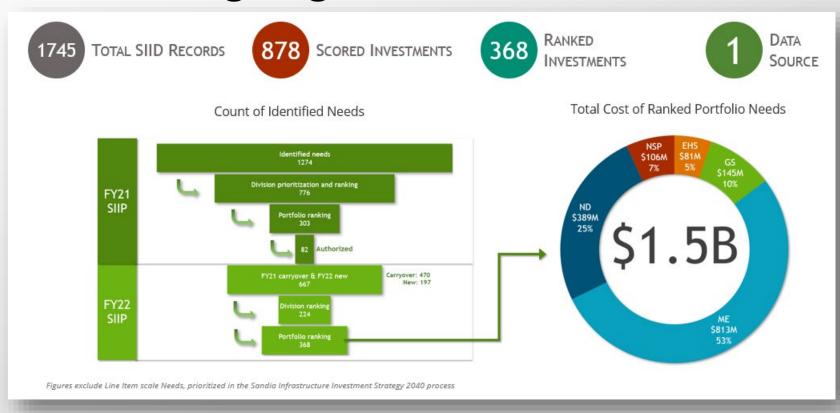




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#### Where we are, where we're going

- Where We Are
- Significant data collection in previous iterations
- Substantial efforts to score and rank needs
- Where We are Going
- Further refinement of existing investment needs
- Slotting in emerging needs
- Adjust ranking in response to changes in program strategic direction
- Balancing long range planning with shorter term needs (at the right level of effort)
- Continuous engagement with external sponsors to communicate gaps/needs



*In Progress:* Set priorities for FY24 Indirect / FY25 Direct Investment Needs



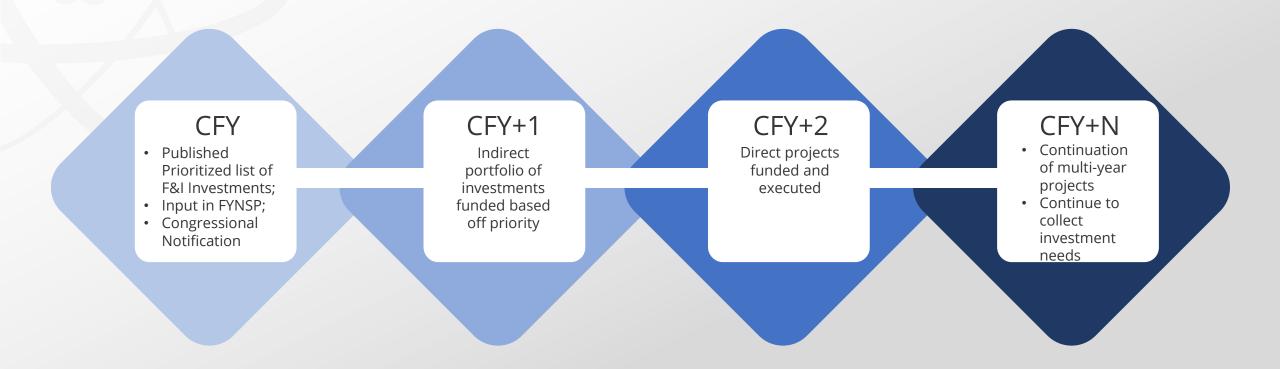






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#### What happens next?











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# Questions?

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