DOCKETED

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California Planning Library

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April 27, 2022

Background Information

- The California Energy Commission serves as the State's energy data repository and plays key role in collecting and analyzing data

- The CEC is home to a variety of technical and subject matter experts committed to analyzing a variety of energy data and making recommendations to inform state operations

- Demonstrable evidence, through data requests, that and a need for data and information exists

Role of Data

- Data transparency and public accessibility are essential to the CEC
- Data and data access are key to bringing clean, reliable, and affordable energy to all Californians
- CEC has been involved in a broader effort to increase data access, visibility, usability
  - Equity Indicators and Energy Insights are products developed as a part of this effort

Energy Data Repository
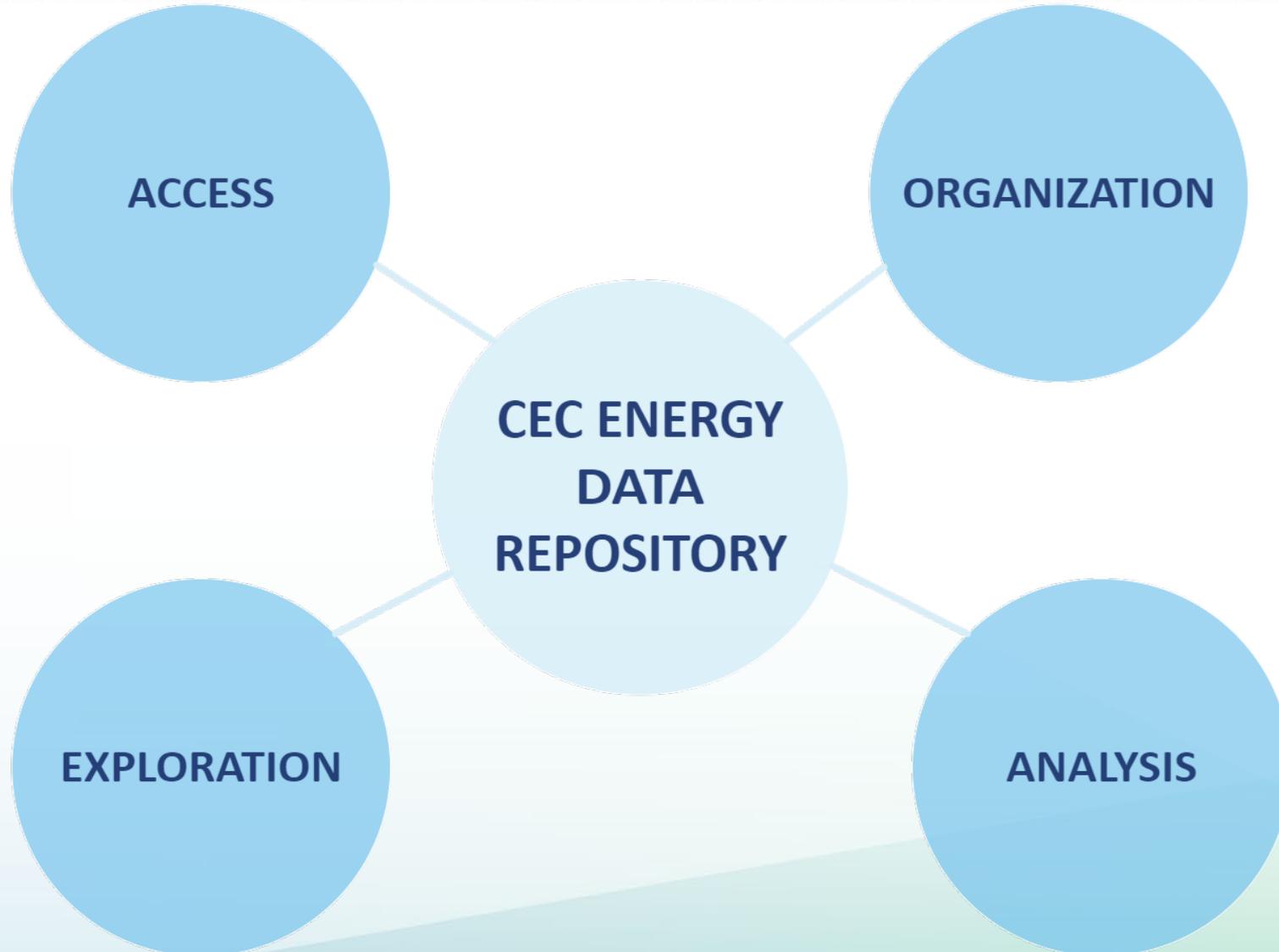
Challenge
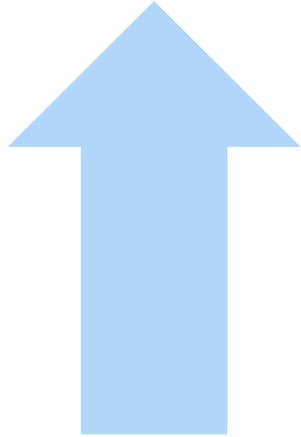
New, emerging products without a proper home

CEC lacks a place to host data and analytical tools in accessible, understandable, easily navigable way
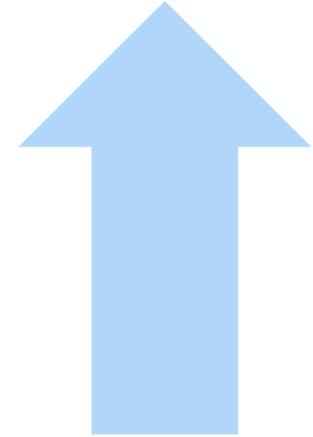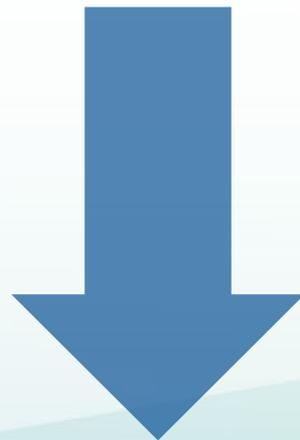
Development and adoption of new products increases the need for library

California Planning Library

- As a part of the IEPR 2022 Update, the CEC plans to identify, consolidate, integrate, and enhance CEC's analytical products into a **California Planning Library**

- Highlights of major products include:
  - ➢ Energy demand forecasts and scenarios
  - ➢ Reliability assessments
  - ➢ Land use screens
  - ➢ Other analytical resources (including those developed under active CEC OIIPs and other proceedings)

Concept

California Planning Library will provide a centralized location on the CEC website for the public to find analytic products and data

- Navigable and accessible
- Easily identify opportunities to modernize
- Showcase key takeaways and reports
- Provide links for widely-used products
- Provide links for important analytical products recently adopted
- Link to relevant external parties' data and analytical products

Phases for Implementation

Organize existing products

Modernize data and analytical products

Expand product list + incorporate links to data partners

Routinizing EAD Products

Incorporate a timeline or calendaring system to:

- Identify big planning deliverables

- Determine when certain products will be released or updated

- Provide a link to those products which have been adopted and/or will continue to be adopted regularly

CALIFORNIA PLANNING LIBRARY

CA ENERGY DEMAND FORECAST & SCENARIOS

JANUARY

SUMMER STACK ANALYSIS

SPRING

CALIFORNIA RELIABILITY OUTLOOK (CRO)

FALL

WINTER RELIABILITY (NATURAL GAS)

FALL

Audience

IOU's

POU's

Non-Profits

CCA's

Think Tanks

Usability

CAISO

Academic Research

Federal Agencies

State Agencies
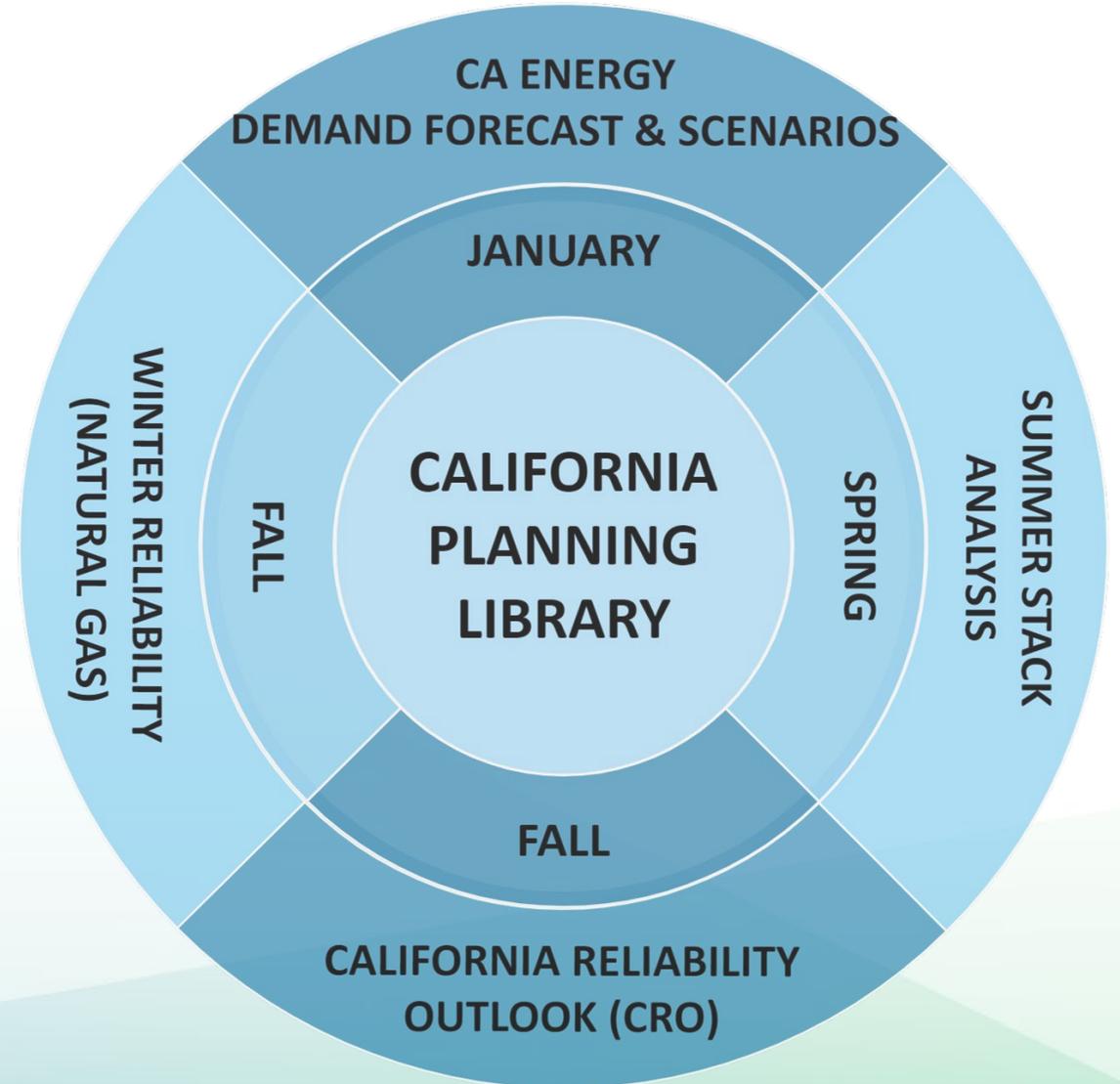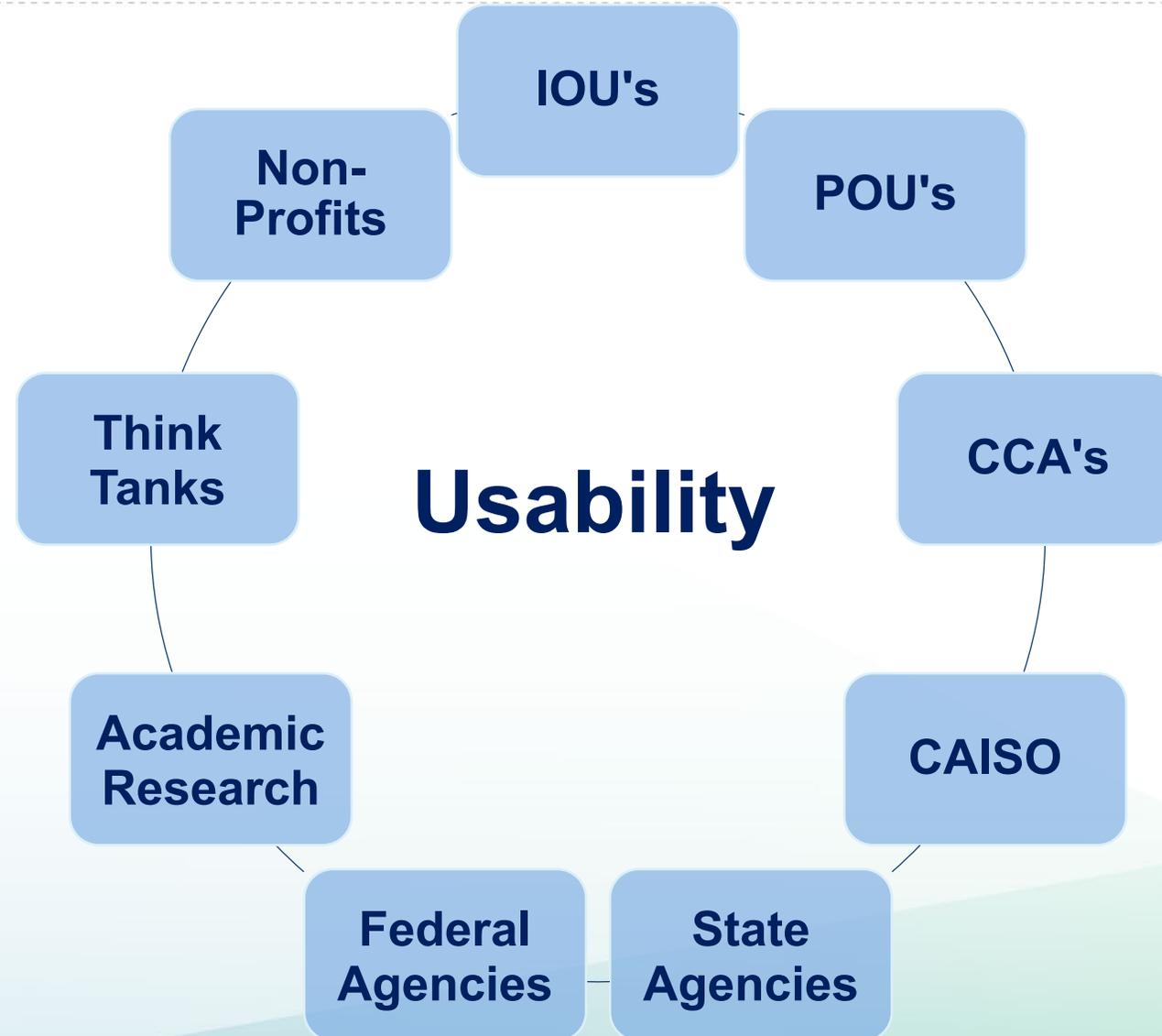
Project Timeline: Phase I

Incorporate feedback from Vice Chair's office and IEPR workshop to refine project scope	April/May 2022
Finalize project plan	May 2022
Gather input from CEC offices	June/July 2022
Determine timeline for data/deliverable inclusion in Planning Library (Phase I or subsequent)	August 2022
Organize and catalog data and analytic products	Fall 2022
Execute California Planning Library web page	Fall 2022
Publish Library + Corresponding IEPR Content	December 2022

Products for Inclusion

Main Planning Products:

Summer Stack Analysis	Demand Forecast	Transportation Fuels Forecast	Rates Forecast
CA Reliability Outlook	Demand Scenarios	ZEV Stock Forecast	Residential Homes Forecast
Winter Reliability Report	High Electrification Scenario	PV and Storage Data	Commercial Floorspace Forecast

In pipeline: Land-use screens and SB100 results

Questions for Public to Consider

For CEC deliverables:

- What products or datasets do you most frequently use?

- Of the products you utilize, is there a preferred format or geographic level of granularity you would like to see?

- How can we make products easier to find?

- Are there ways to make them easier to utilize?

- Are there datasets or products missing?

- Do you have questions about the terminology used?

Specific to land-use screens:

- How would you like to see this information presented?

- What features would you like to see incorporated?

Thank You!

Contact Information:

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Land-Use Screens Staff:

Erica Brand: Erica.Brand@Energy.ca.gov

Panel Participants

Organization	Representatives
CA Independent System Operator	Delphine Hou
California Public Utilities Commission	Patrick Young
Southern California Edison	Eduardo Martinez
Cal CCA	Andrew Mills
Defenders of Wildlife	Kate Kelly

Panel Discussion

Introduce yourself, organization, and address opening question (5 min):
"How does your organization utilize CEC's data and analytical products?"

Focused Panel Discussion
1) What types of data and analytical products are most useful?
2) What are the key barriers to using data and analytical products?
3) What are better ways to present the data?
4) How can we make data/information easier to find?
5) What information gaps exist in products developed by the CEC?
6) What could you do (or want to do) with our data that you currently cannot?