



# REN Perspective

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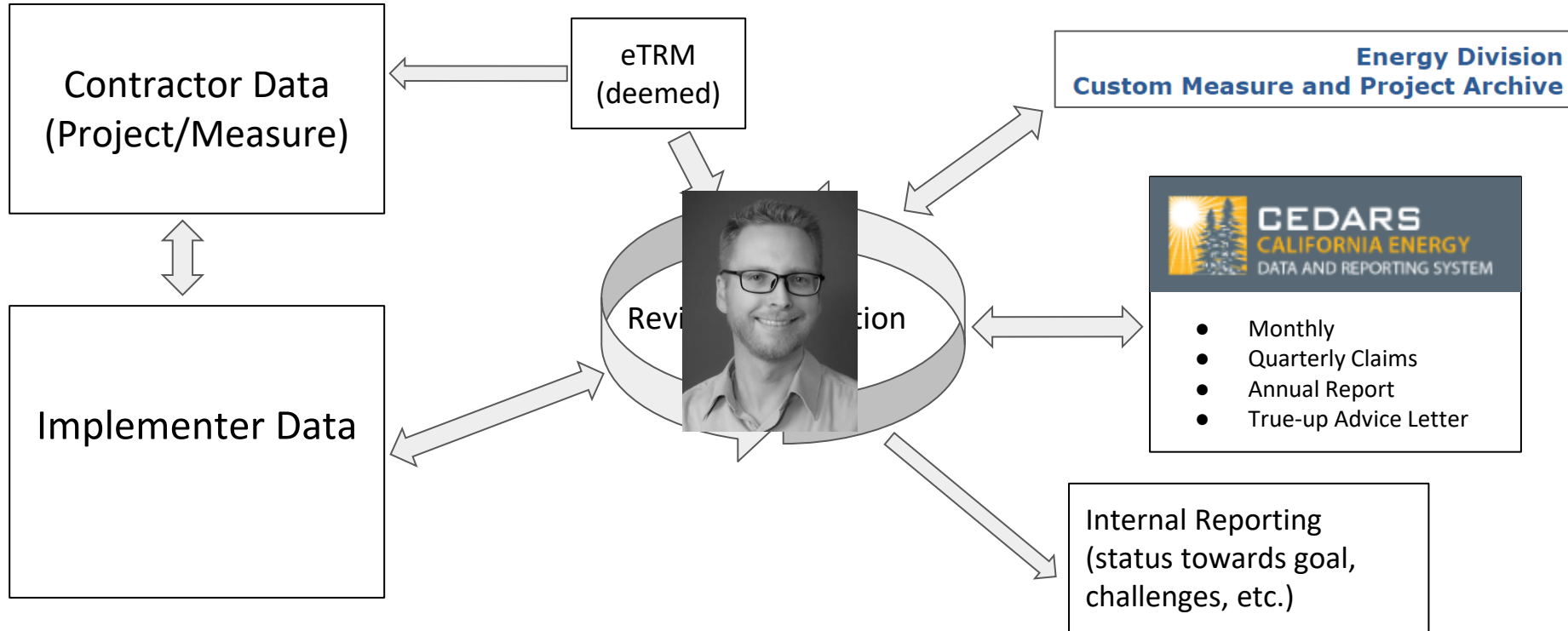
# Current Reporting Challenges

Experience providing Regulatory  
Reporting Support to SoCalREN

# Data Collection & Validation

- Data crucial for program delivery not always in alignment with reporting requirements
- Back-and-forth between Reporting and Implementation teams
  - Confusion about what's required for regulatory reporting leads to delays and crunch time approaching deadlines
- Reporting support means wearing several hats
  - Educating implementers and administrators on new and existing requirements
  - Reviewing rulings and decisions for implications to program design and implementation → tracking → reporting
  - Managing tracking data
  - Doing the actual reporting

# Data Flows - Current (simplified)



# Principles for Improvements

- More data sharing across systems
  - Project data
  - eTRM
  - CMPA
  - CEDARS
- Consistent, accessible data
  - Program Administrators
  - Implementers
  - Partners/Contractors
- Minimize downloads/uploads & manual processes
  - Potential for error/expiration

# Streamlining Opportunities

# Custom Opportunities

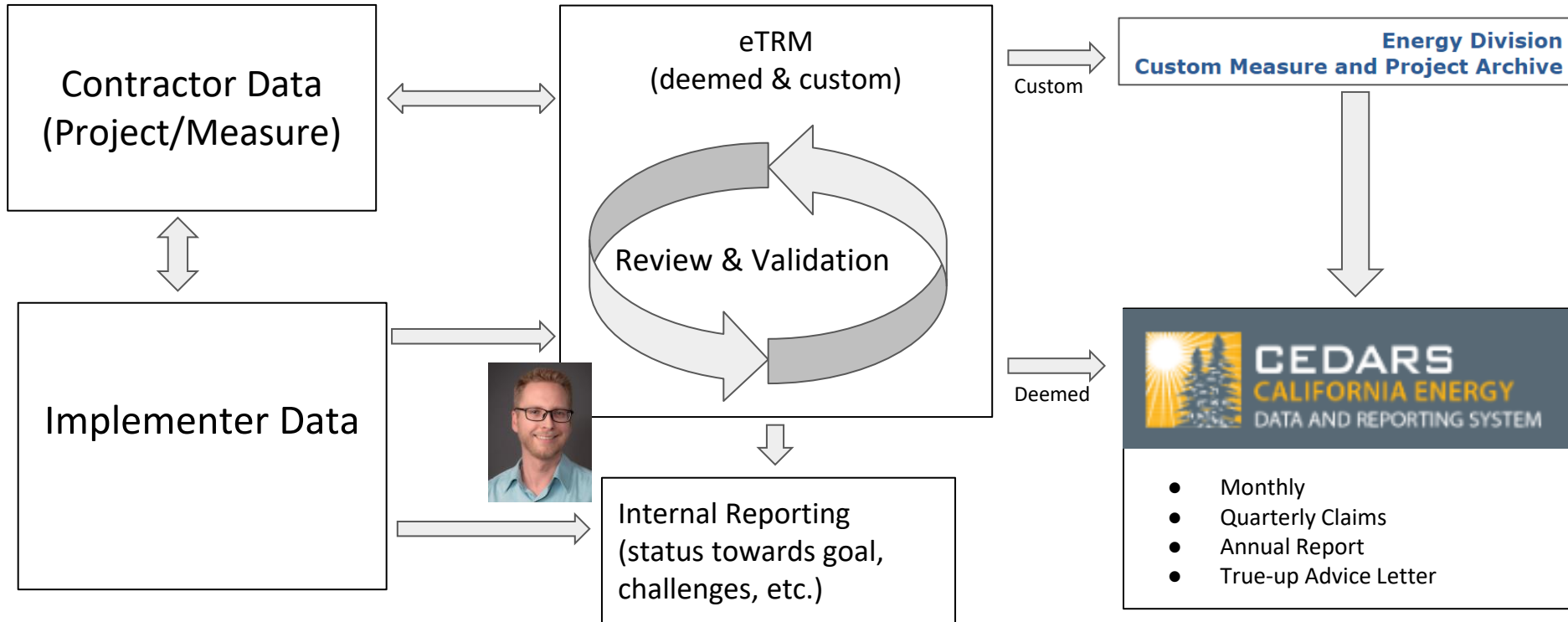
- [Both Custom and Deemed] Well-defined data needs by measure/project type with user-friendly **web interface** to access needs and collect data
- PAs give *ex-ante/ex-post* teams access to project files when files are complete on shared platform
  - Platform generates project summaries based on project parameters to facilitate decision-making on reviews
- *Ex ante* team chooses projects for review and notifies PA of review
  - But they already have access to files so no data request required
- Responses to data requests, M&V data, etc. get filed in the same location when available to facilitate EM&V
- Data flow from CMPA to CEDARS directly upon claim

# Deemed Opportunities

- [Both Custom and Deemed] Well-defined data needs by measure/project type with user-friendly **web interface** to access needs and collect data
- Once permutation identified via web interface, quantities entered for savings estimates
- Administrator/Implementer uploads any other measure-specific required data into shared platform
- Measure/Permutation data pushed from eTRM into CEDARS upon project completion



# Data Flows - Opportunities



# Better Programs through Data

- For RENS, energy programs are the primary activity
- RENS don't have the customer base (therefore data) of Load Serving Entities
- Data collected for the purpose of delivering programs, not for selling energy and characterizing demand
- All PAs and implementers would benefit from access to IOU data, especially
  - Consumption
    - Both target facilities and surrounding areas to allow for community planning and resiliency
  - Buildings/other infrastructure
  - Transmission/distribution