

XBRL-CET / SGIP PAP25 Working Group

STEM Program at California State University Chico

Data Interoperability to Promote Clean Energy and Small Business

Office of Congressman Darrell Issa
2269 Rayburn House Office Building
Washington, DC

Small Business Week
May 3, 2017 - 2:30pm

Agenda

- 2:30 Introductions
[K. Dixon Wright](#)
Wells Fargo Insurance Services
[Wells Fargo Environmental Sustainability](#)
- 2:40 Student Presentation
[Jordan Nuque](#)
[Brennan Ladd](#)
- 2:50 Open Discussion

Attending in Person

- [Alfred Berkeley](#)
XBRL US Board Member
- [Charlie Isaacs](#)
CTO for The Internet of Things
Salesforce
- [Randy Coleman](#)
Wizdom
Financial Industry Business Ontology (FIBO)
- [Robert Duke](#)
Director of Underwriting
Corporate Counsel
[Surety Fidelity Association of America](#)
[Small and Emerging Contractors](#)
- [Peter Gibbs](#)
Acting Director
US Small Business Administration
[Office of Surety Guarantees](#)
- [Jon Powers](#)
Chairman & Co-Founder
[CleanCapital](#)

Office of Congressman Darrell Issa
[Congressman Darrell Issa](#)

[Robert Rische](#)
Counsel - Oversight and Transparency Issues

By Conference Call

- [Jerry Hight](#)
Director, Strategic Initiatives
Office of the Provost
[California State University, Chico](#)
- [John Teeter](#)
Chairman and CIO, [Maalka](#)
Founder and Chief Innovation Officer, [URBAN.SYSTEMS](#)
Chief Scientist, [People Power Company](#)
- [Presidential Innovation Fellow](#) - White House (NIST/GSA), 2013
- U.S. Department of Commerce - National Technical Information Service
[NTIS Joint Venture Partnerships for Data Innovation](#)
- [National Renewable Energy Laboratory - Wells Fargo Innovation Incubator \(IN2\)](#)
[Open modeling platform for managing large scale building sustainability initiatives.](#)
- [Jonathan Previtali](#)
Vice President Environmental Finance
Wells Fargo Bank
- [Mike Duke](#)
Chief Innovation Architect
Wells Fargo Bank
- [John Goecke](#)
Sage/Stratusvue
- [David Arntz](#)
Arntz Builders
- [Matthias R. Heinze](#)
[IECRE 61724 Working Group](#) - [XBRL-CET/ IECRE](#)
TUV Rheinland Group
- [Pramod Krishnani](#)
Manager, Performance Engineering
Sustainable Power Group
[Analysis of Photovoltaic System Energy Performance Evaluation Method](#)

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Data Interoperability to Promote Clean Energy and Small Business

Background

The new administration is looking to reevaluate the merits of various funding programs, including those of the DOE, and it can be anticipated that the [SunShot Initiative](#) and specific efforts like [Green Button](#) and [Orange Button](#), along with related efforts like [SGIP PAP25](#), will come under scrutiny. It is likely support will fade for anything related to climate research or future concepts for fighting climate change.

Instead the focus will be on the *business case today*, and quantifying the ROI for funding already spent before any new funds will be considered.

The [STEM program at CSU Chico](#) will quantify the ROI for the DATA Act, Green and Orange Button investment, deliver a business case today where clean energy can compete with any energy source, deliver compliance capabilities for the [DATA Act](#), [SB350](#), [AB802](#), and establish data interoperability that improves both energy and transportation projects alike.

The costs to transition to clean energy will be driven down utilizing the application of data analytics and predictive analytics enabled by the data interoperability made possible by the machine readable data standards developed under the DATA Act and leveraged by the Green Button and Orange Button, accomplished in part by the student developed Salesforce shareware applications freely distributed throughout the supply chain that eliminate the barrier of implementation cost with guaranteed data compatibility and will act as a catalyst for innovation on any number of fronts.

The students are ready at CSU Chico, the Orange Button is transitioning now to the second phase with the IEC data standards getting incorporated into XBRL/FIBO, and the [On Bill Finance](#) pilot will tie together all the moving parts into a streamlined data flow that leverages the DATA Act by expanding data interoperability into the financial markets to make solar more bankable under structures that improves access to surety credit for small business with an emphasis on veteran owned companies.

Our Ask

Support the Transition to Digital Data and Transparency

Support and engage with the Data Interoperability Center [STEM Educational Program](#) at California State University Chico as we seek to have machine readable data standards created by the DATA Act applicable to financial markets to enable data analytics that promote efficiency for construction in the energy and transportation segments, including the use of digital [electronic surety bonds](#) that do not impose multiple owner mandated proprietary systems.

Support and engage with the SBA for their importing surety submissions utilizing machine readable data standards to make it more efficient and easier for small business to secure SBA support.

Support and engage the pilot [On Bill Financing](#) for promoting solar construction by utilizing machine readable data standards and data analytics, with an emphasis of helping local veteran owned companies transition to careers in clean energy.

Support and engage with the City Tracy and Caltrans, or another project selected by Caltrans, for federal funding on the [Lammers Road](#) interchange for having the machine readable data standards created by the DATA Act applicable to transportation projects, and employed by DOT's to provide digital [transparency](#) on project performance which helps small business and provides compliance with the DATA Act.