

Department of Commerce's Renewable Energy and Energy Efficiency Advisory Committee: REEEAC 101

1. General Background
2. Committee Structure
3. Workflow & Outputs

BACKGROUND

Federal Advisory Committee Act (FACA)

The Federal Advisory Committee Act became law in 1972 and is the legal foundation defining how federal advisory committees operate. The law has special emphasis on open meetings, chartering, public involvement, and reporting.

More information on FACA process via the “Final Rule” document:

http://www.gsa.gov/portal/mediaId/218007/fileName/FACAFinalRule_R2E-cNZ_0Z5RDZ-i34K-pR.action

FACA Database -- A Searchable Database of All FACA Committees:

<http://www.facadatabase.gov/>

Renewable Energy and Energy Efficiency Advisory Committee (REEEAC)

- Established July 14, 2010 by Secretary Locke
- REEEAC was re-chartered June 19, 2012 (REEEAC II); June 12, 2014 (REEEAC III); and June 9, 2016 (REEEAC IV, current)
- Committee serves at the discretion of the Secretary of Commerce
- The only Federal Advisory Committee focused on export promotion for the renewable energy and energy efficiency sectors

REEEAC Website:

<http://export.gov/reee/reeeac>

REEEAC IV: DOC Points of Contact

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REEEAC IV: Basic Info

- **Charter IV signed June 9, 2016**
- **Expires June 9, 2018**
- **34 members**

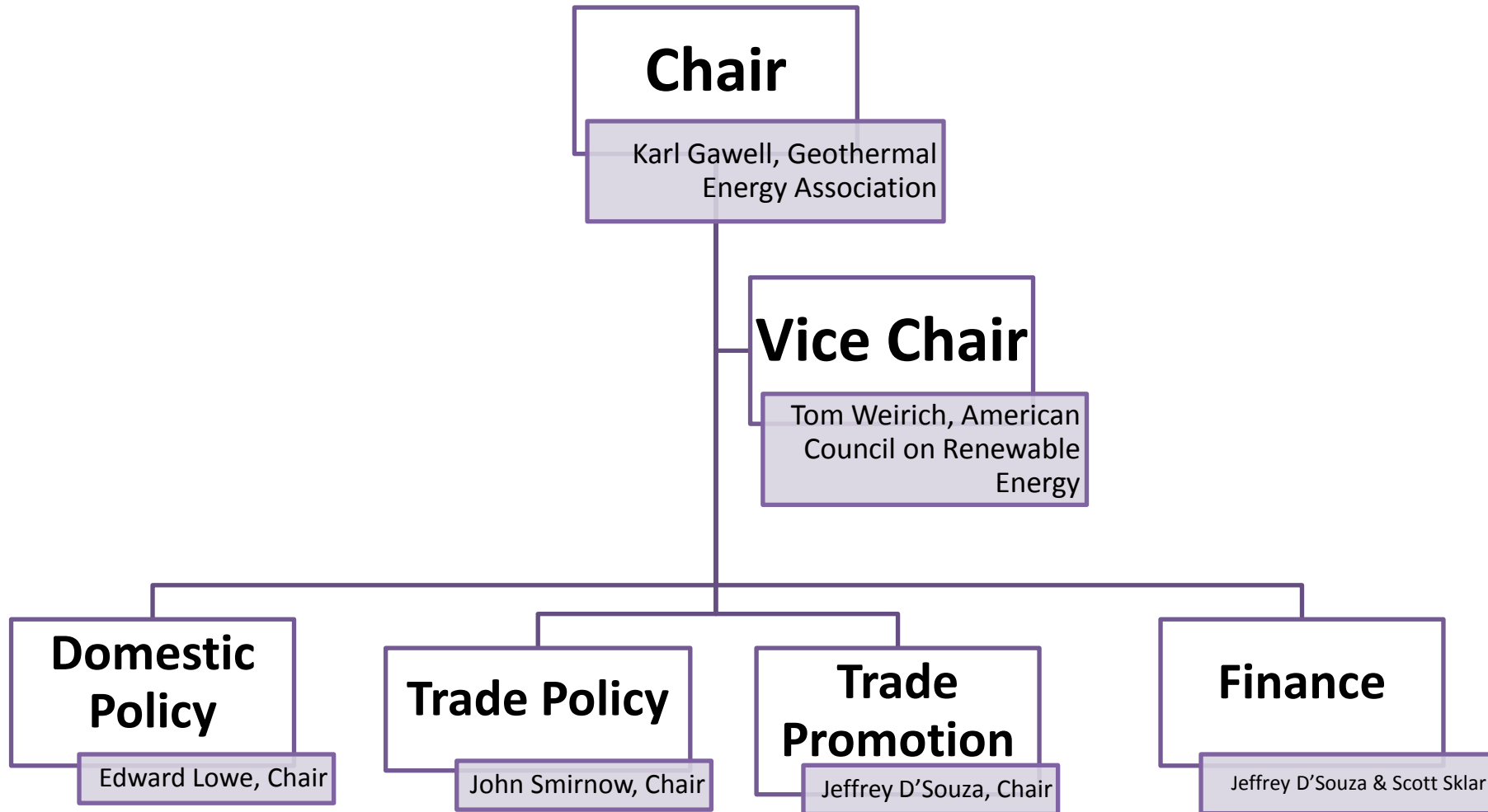
- **BALANCE:**
 - **Sub-Sectors**
 - **Sector Roles**
 - **Organization Type**
 - **Geography**

		Sector Role				
		Manufacturer	Service Provider	Consulting/ Legal	Financier/ Investor	Developer
Renewable Energy	Bioenergy					
	Biofuels					
	Geothermal					
	Hydropower					
	Solar					
	Wind					
Energy Efficiency	Energy Storage					
	Power Systems EE					
	Smart Grid					

COMMITTEE STRUCTURE

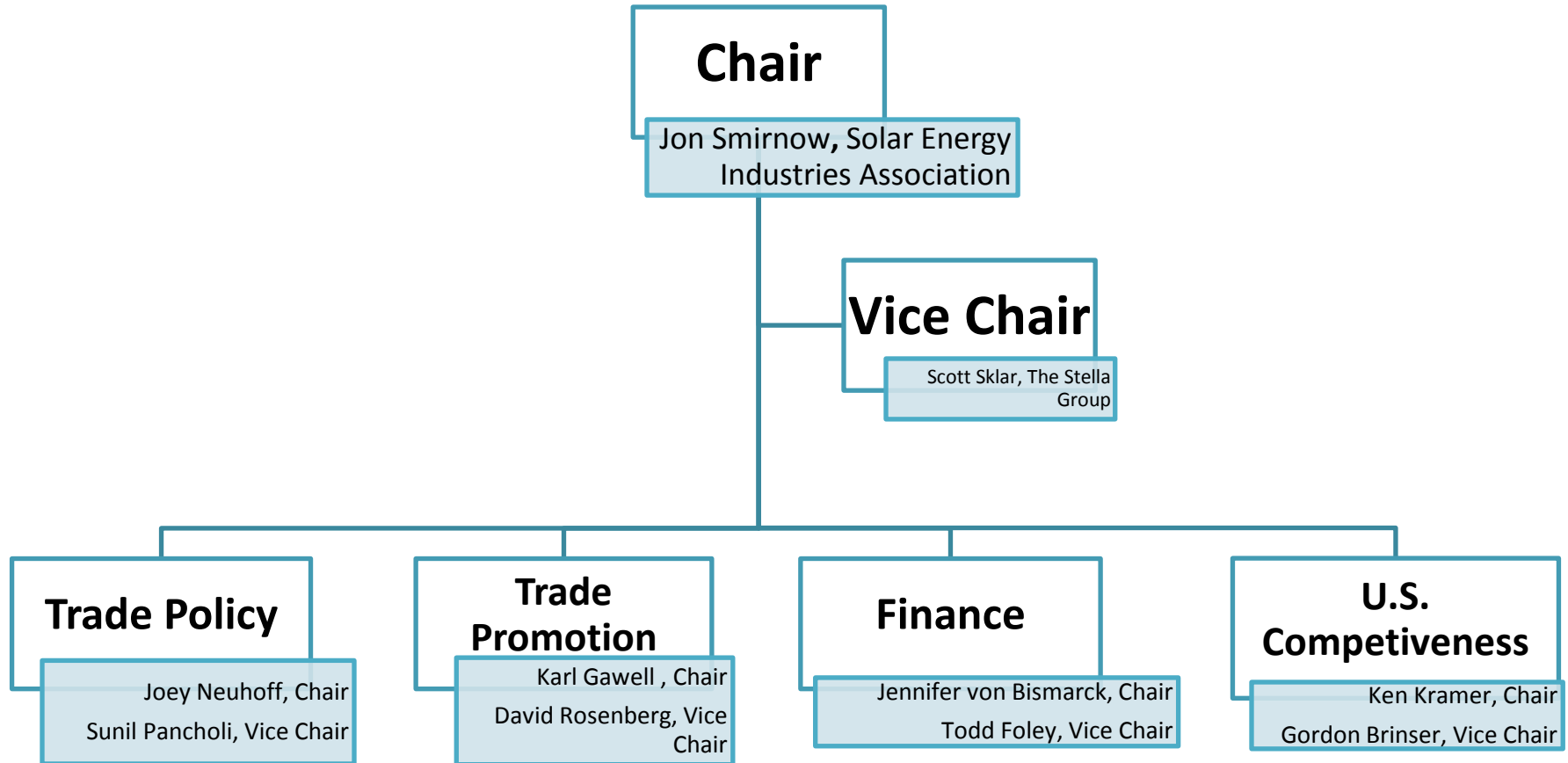
REEEAC I, 2010-2012

Committee Structure



REEEAC II, 2012-2014

Committee Structure

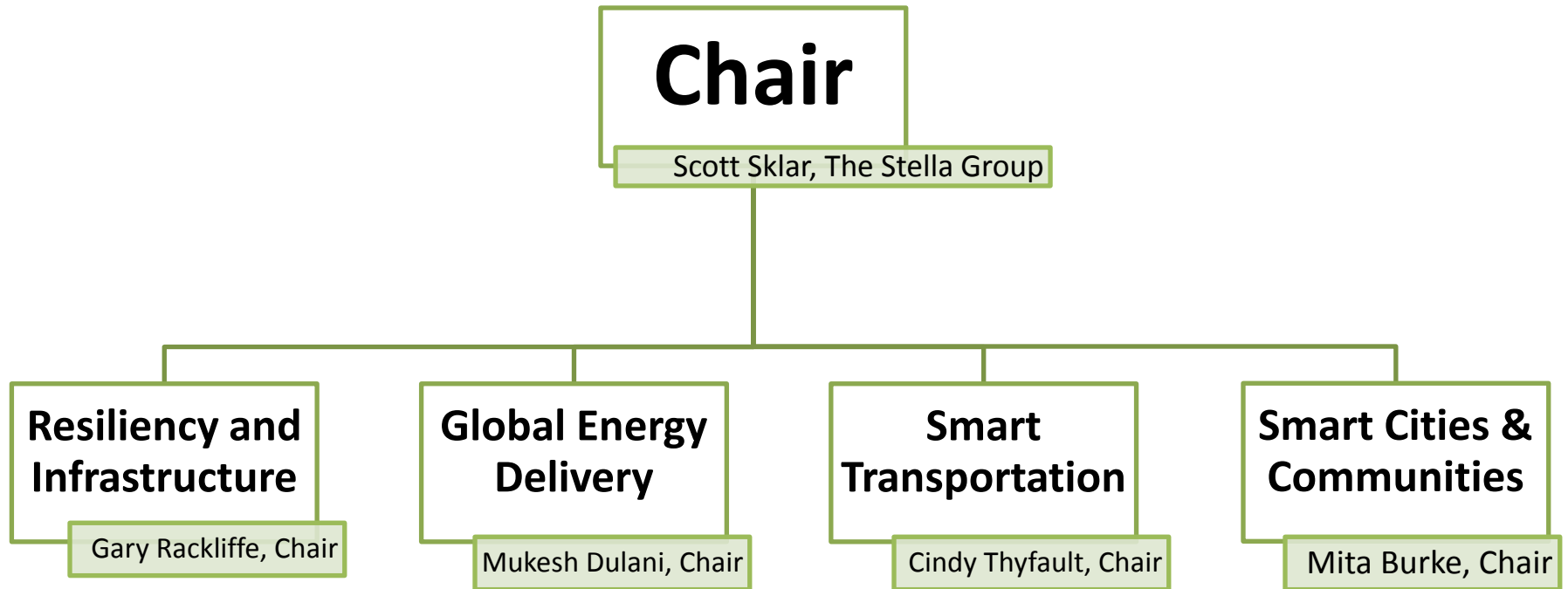


Prior to forming sub-committees, REEEAC II utilized a team structure initially to prioritize issues by sector with the following teams:

- *Energy Efficiency*
- *Renewable Energy*
- *Biofuels*

REEEAC III, 2014-2016

Committee Structure

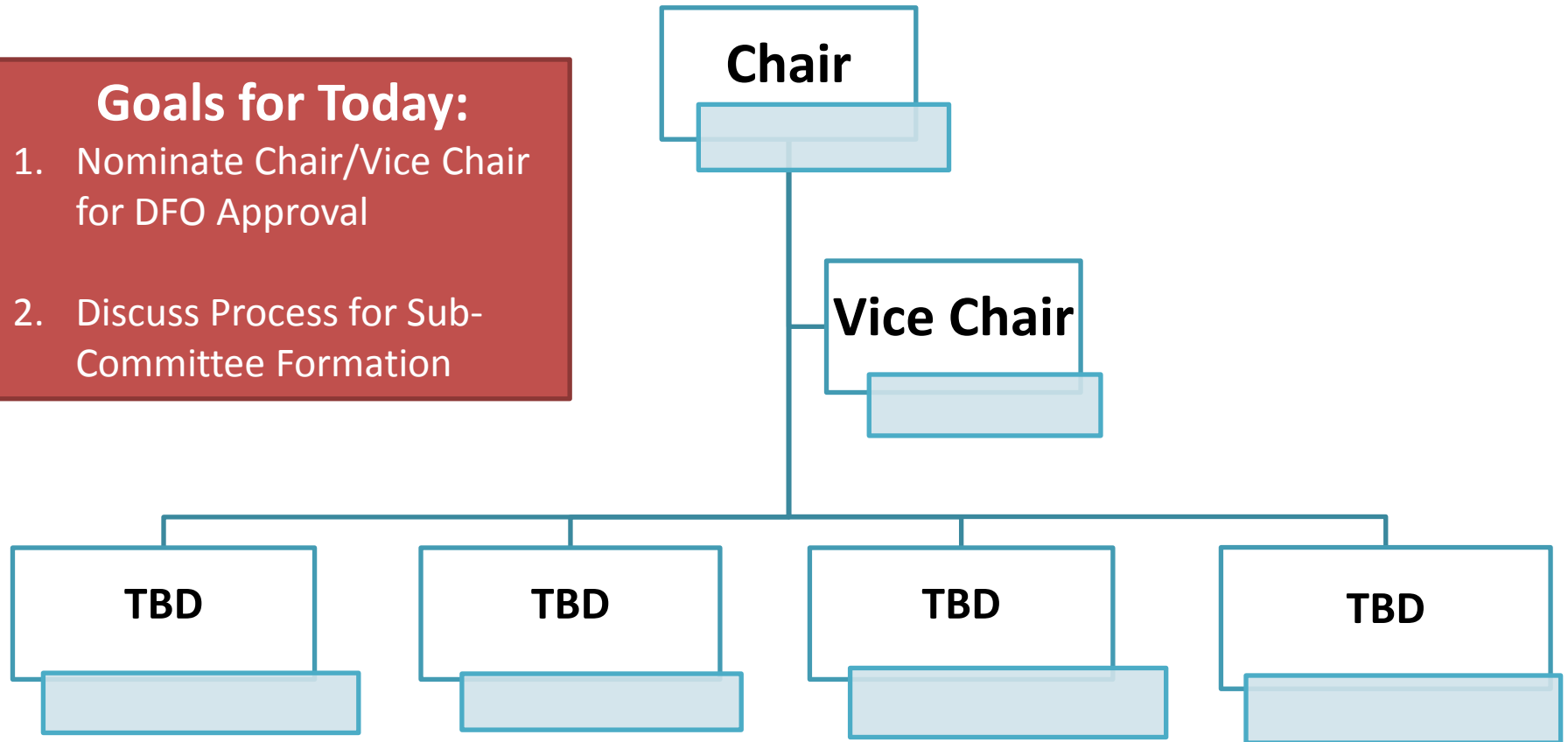


REEEAC IV, 2016-2018

Committee Structure

Goals for Today:

1. Nominate Chair/Vice Chair for DFO Approval
2. Discuss Process for Sub-Committee Formation



Benchmarking Against Similar DOC Advisory Committees:

Environmental Technologies Trade Advisory Committee (ETTAC)

- Chair, Vice Chair
- Sub-Committees:
 - Trade Liberalization
 - Trade Promotion
 - Standards, Regulations, and Certification
 - Innovation

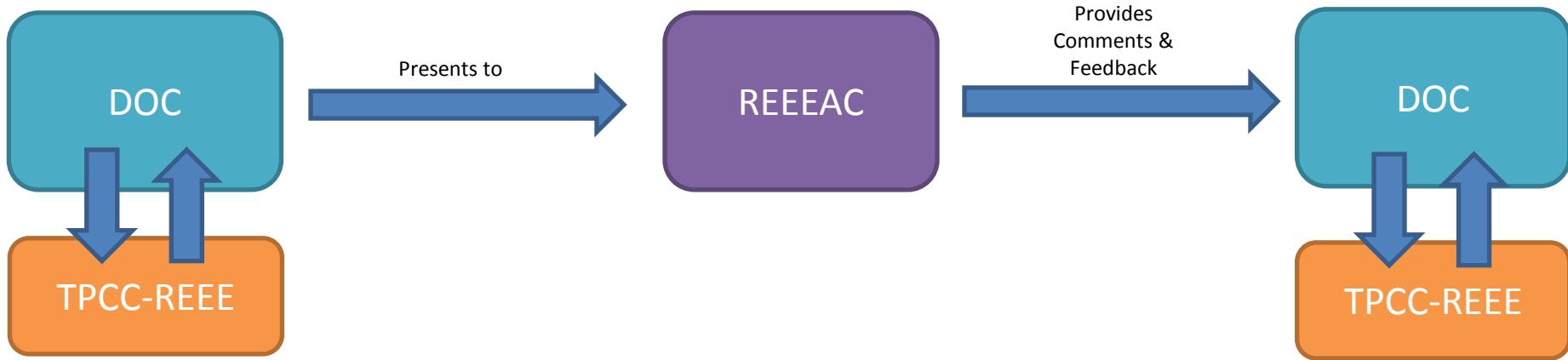
Civil Nuclear Trade Advisory Committee (CINTAC)

- Chair, Vice Chair
- Sub-Committees:
 - Industry Data Collection & Communication
 - Promotion & Advocacy
 - International Agreements, Standards, & Regulations
 - International Competitiveness & Supply Chain Competitiveness

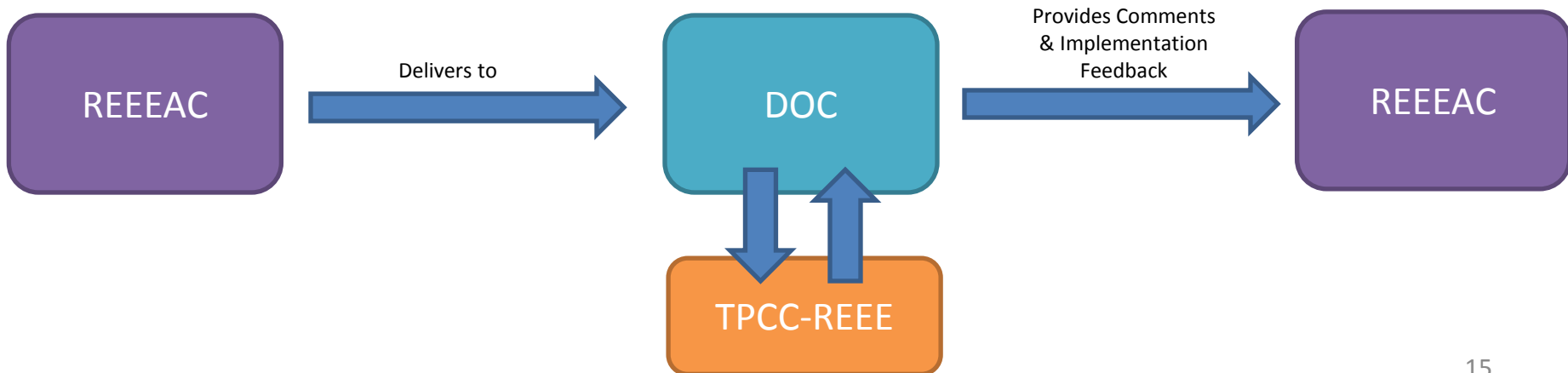
WORKFLOWS & OUTPUTS

REEEAC WORKFLOWS

1. Review USG programs and activities

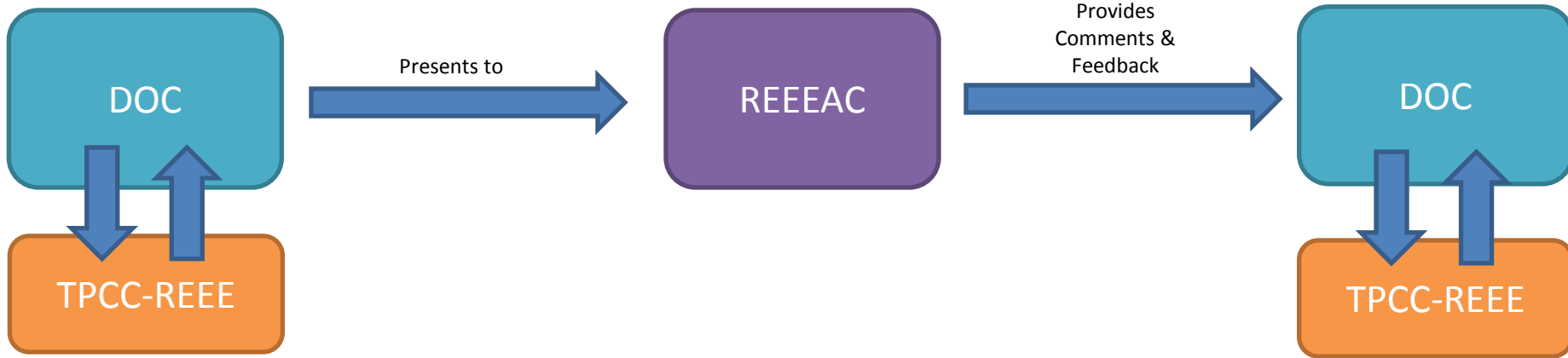


2. Committee Brings Issues to DOC Attention



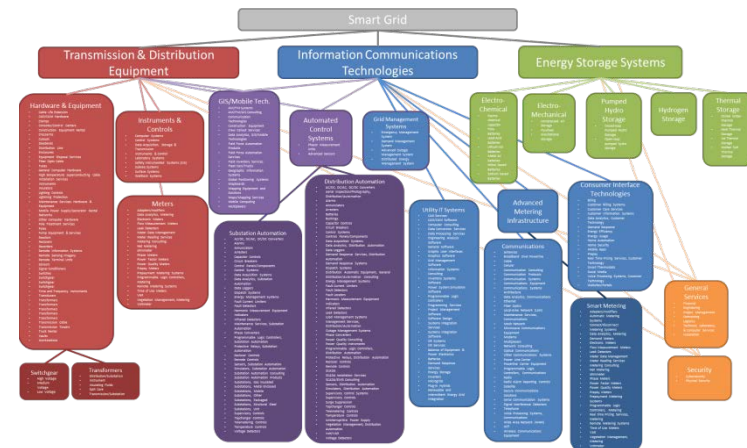
REEEAC WORKFLOWS

1. Review USG programs and activities



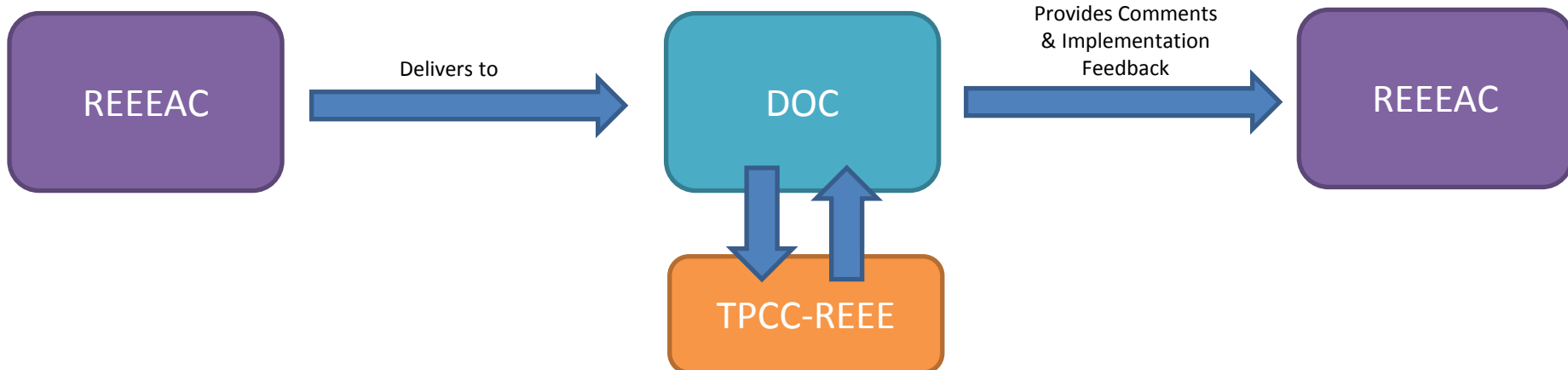
EXAMPLES:

- Committee Review of Top Market Reports for Renewable Fuels, Renewable Energy, & Smart Grid: <http://trade.gov/topmarkets/>
- Committee Provide/Review Logic & Development of “Solutions Toolkits” for Renewable Energy & Smart Grid



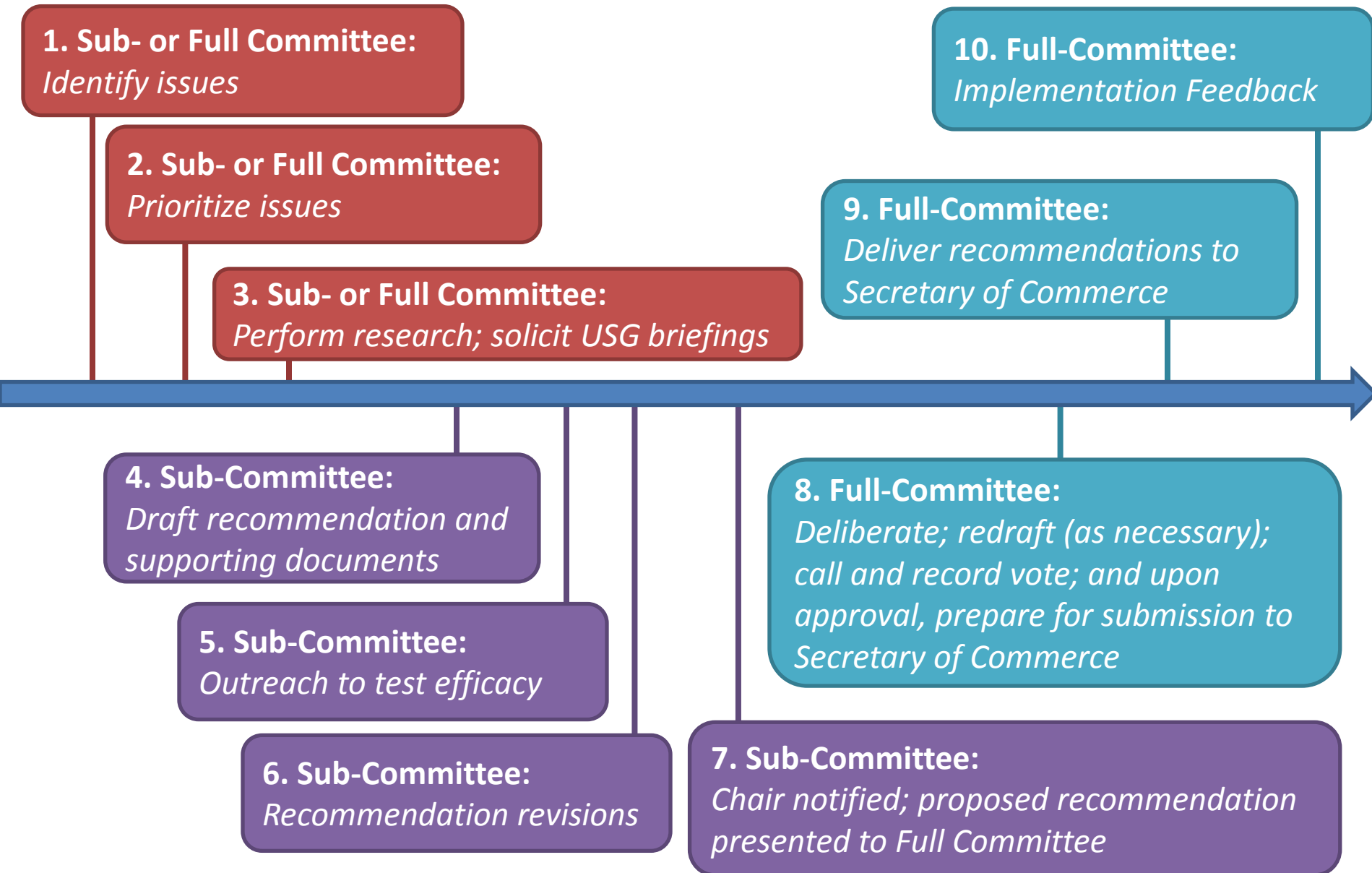
REEEAC WORKFLOWS

2. Committee Brings Issues to DOC Attention



- **The primary Committee output is a series of discrete recommendations delivered to the Secretary of Commerce**
- **The REEEAC has made 44 recommendations over three charters:**
 - REEEAC I, 2010-2012: 22 Recommendations
 - REEEAC II, 2012-2014: 16 Recommendations
 - REEEAC III, 2014-2016: 6 Recommendations
- **Recommendations were drafted by Sub-Committees, then Presented on and Approved by Full Committee**
- **Some recommendations were supported by letters addressed to the Secretary**

REEEAC Recommendation: Sample Process



Recommendations: Approval/Voting Process

Chair moderates discussion, calls for vote on recommendation.

Possible outcomes of a vote include:

Approve:



Subcommittee chair works with Chair, DFO, and other members as appropriate to prepare transmittal materials to the Secretary.

Rejected:



Proposal is dropped and the subcommittee continues work on next issues.

Returned:



Committee votes to return proposal to Subcommittee for further development.

Amended:



If a committee member offers an amendment to a proposal, the Chair will call a vote to determine if the amendment is accepted. If accepted, the amendment will be incorporated into the original proposal at the time of the vote of the proposals approval.

REEEAC Recommendations: General Guidelines

Recommendations should be:

- **Complete**: Any recommendation should be supported with sufficient information to provide the Secretary with a clear understanding of the issue, the potential results, and the steps needed for the Department of Commerce to implement.
- **Actionable**: The next steps for implementation should be clear to the Secretary.
- **Clear**: All sub-committee members should agree that the recommendation is ready to be proposed to the full committee. Dissenting views should be clearly articulated within the recommendation.

REEEAC III, Outcomes Prioritization

- In May 2016, REEEAC III (2014-2016) members provided feedback on all 44 REEEAC recommendations.
- Members provided feedback whether recommendations remained a **high priority (5 pt.); medium priority (3 pt.); low priority (1 pt.); or were no longer relevant (0 pt.)**.
- Results were aggregated and ranked. See table (next slide).
- **Key Takeaways:**
 - More recent recommendations were considered a “higher priority”
 - Enhancing financing support for U.S. exporters was the “highest priority”

REEEAC III, Outcomes Prioritization (May 2016)

Charter #	Recommendation	Score
3	2. Enhance financing support	69
3	4. Inform DOC Renewable Fuels Decision-Making	53
3	1. Rejuvenate TPCC Working Group	51
3	6. Improve Smart Cities Trade Promotion Programing	51
2	9. RE & EE Training across Commerce bureaus	50
3	5. Improve USG Renewable Fuels Capacity	49
1	18. Reduce loan approval to disbursement time	48
1	4. DOE Evaluation of Export Markets	47
1	8. Pre-Export loans for expansion of manufacturing	47
2	6. Strategically focused Trade Missions	47
2	12. Expand RE4I sector focus to grid resilience	47
3	3. Increase Industry Input to Renewable Fuels Top Market Study	47
2	15. Quick Guide for export financing	46
1	1. National Policy with binding Clean Energy targets	45
2	4. Address LCRs through binding agreements	42
2	11. Inter-Agency Roadmap on RE & EE competitiveness	41
2	13. Standardize Country Commercial Guides and improve energy sector analysis	41
2	1. RE & EE catalog for overseas U.S. facilities	39
2	5. Increased monitoring of LCRs by USG	39
1	13. Expand LCR challenges to international forums	36
2	3. Expansion of APEC & EGA	36

Charter #	Recommendation	Score
1	12. Challenge local content in Ontario and/or India	35
2	8. RE & EE briefings for EDs of Multilateral Agencies	34
2	10. Competitiveness PPP led by CEMI	33
1	10. DOE/EERE and Labs study of global markets, supply chains, R&D...	32
2	14. Transmission planning standards	31
1	19. Public statement of domestic benefits	29
1	22. Amend Statutory Waiver	29
2	16. Public awareness of STCEIP	29
2	7. Integrated Resource Plans	28
1	2. DOE and Economic Competitiveness	27
1	9. ITC 332 Report on Export Markets	25
1	3. Economic Competitiveness and Research Agreements	24
1	6. Inter-Agency work with E3 to expand RE & EE expertise	24
1	20. Annual Report on U.S. contractor use	23
1	17. Increase # of OPIC Board Meetings	22
1	7. E3 work with DOC to protect IPR	18
1	16. Select USA country and RE-focused marketing	18
1	14. Expand EB-5 visa program	13
1	5. E3 adoption of voluntary technical Standards	12
1	15. Select USA RE marketing materials for EB-5	8
2	2. WCO establish HTS for RE Equipment and Components	7
1	11. Letter to Secretary Bryson on ITA budget and supporting ITA re-org	3
1	21. Compensatory Drawdown Trust	1

REEEAC Outcomes Implementation

- **The following “Stoplight” chart outlines actions taken by the U.S. Department of Commerce in response to REEEAC recommendations**
- **The document is “living” and is updated on a periodic basis**

REEEAC Recommendation Matrix: Charter I

Last Updated: November 21, 2016

Recommendation	Status	Stakeholders/Actions/Updates	Next Steps?
1. Establish National Policy with binding Clean Energy targets	Green	<ul style="list-style-type: none"> • Congressional action required. • Some states have set mandatory targets • Presidential objectives of doubling clean energy by 2035 • Clean Energy Standard (2012) and other congressional efforts • REEEAC letter to Senator Bingaman • The Climate Action Plan was released, which outlines a coordinated interagency policy effort that includes deployment of clean energy technologies (e.g., Clean Power Plan and UNFCCC Paris Agreement) • White House presented on plan with DOE and State at February 2016 REEEAC Meeting 	Closed out.
2. Modify DOE Mission to Include Economic Competitiveness	Green	<ul style="list-style-type: none"> • DOC and USTR worked with DOE to advance • DOE launched Clean Energy Manufacturing Initiative • DOC sitting on NREL Clean Energy Manufacturing Analysis Center Steering Committee • NREL and DOE presented on CEMI and CEMAC at May 2016 Meeting 	Closed out.
3. Factor Economic Competitiveness Into Decision to Pursue Bilateral Research Agreements	Green	<ul style="list-style-type: none"> • DOC has raised with DOE • DOE does consider, but most agreements are pre-competitive and there are statutory requirements to consider 	Closed out.
4. DOE Add Evaluation of Export Markets Into Grant/Loan Selection Process	Green	<ul style="list-style-type: none"> • DOE/EERE and NREL continue to make progress • The Clean Energy Manufacturing Analysis Center Benchmark Study intended to inform • DOC provides Top Markets Analysis and DOE briefing and discussion • QTR includes export angle 	Ongoing
5. E3 Adopt of Voluntary Technical Standards for Services	Yellow	<ul style="list-style-type: none"> • REEEAC has discussed with E3. 	
6. E3 Expand Client Access to RE&EE Expertise	Yellow	<ul style="list-style-type: none"> • DOC, DOE, and EPA continue to work with E3 • 183 Green Supplier Network assessments through E3 • E3 communities have identified – and are working to eliminate – over 500,000 metric tons of CO2 	

REEEAC Recommendation Matrix: Charter I

Recommendation	Status	Stakeholders/Actions/Updates	Next Steps?
7. Include in E3 Client Plans USEAC Resources & IPR Protection Best Practices		<ul style="list-style-type: none"> • DOC conducted extensive outreach to E3, including engagement with the USPTO. • E3 communities now receive detailed information on USEAC resources, including IPR. 	Closed out.
8. EXIM Offer Pre-Export loans for expansion of manufacturing		<ul style="list-style-type: none"> • REEEAC presented to EXIM 	
9. USTR Request ITC 332 Report on Export Markets		<ul style="list-style-type: none"> • USTR considered using its statutory authority • Other studies on RE & EE have since been undertaken by ITC • Top Markets Study now provides some of this analysis. 	Closed out.
10. DOE and Labs Study Global markets, Supply chains, R&D...		<ul style="list-style-type: none"> • DOE surveyed existing work of program units • Non-Public work on international solar competitiveness has been done and shared w/ DOC. • CEMI conducted research on solar manufacturing sector and expanded work under the NREL Clean Energy Manufacturing Analysis Center to include a Benchmark Study on these issues to be completed in 2016 • DOE and NREL presented results to REEEAC May 2016 • Work is ongoing. 	Closed out.
11. Letter to Secretary Bryson on ITA Budget and Supporting ITA Re-org		<ul style="list-style-type: none"> • Received by Secretary and discussed w/ Senior ITA staff • Many of Committees recommendations were acted on and Re-org is now complete 	Closed out.
12. Increase Local Content Enforcement Activities		<ul style="list-style-type: none"> • United States Prevailed in WTO Dispute Challenging India's Discrimination Against U.S. Solar Exports • DOC continues to raise during bilateral dialogues 	Ongoing.
13. Expand LCR challenges to international forums		<ul style="list-style-type: none"> • DOC and REEEAC engaged MDB and raised issue – MDBs somewhat responsive. • Raised in APEC, but progress limited 	Ongoing.
16. Create RE&EE-focused SelectUSA marketing		<ul style="list-style-type: none"> • REEEAC discussed with Select USA: cannot produce specific marketing, but offered many avenues to support and guide various programs. • Interested parties should reach out to SelectUSA. • DOC Energy Representative at 2016 SelectUSA Summit and discussed Opportunities 	Closed out.

REEEAC Recommendation Matrix: Charter I

Recommendation	Status	Stakeholders/Actions/Updates	Next Steps?
14. Expand EB-5 Visa Program	Red	<ul style="list-style-type: none"> • DOC has received input and discussed with many business groups • REEEAC members will continue to pursue through various channels, but there is no direct follow-up required for DOC. 	Closed out.
15. Create SelectUSA RE&EE Marketing Materials for EB-5	Red	<ul style="list-style-type: none"> • REEEAC discussed with Select USA, but the program does not promote one industry over another. 	Closed out.
17. Increase # of OPIC Board Meetings	Yellow	<ul style="list-style-type: none"> • Communicated to OPIC 	
18. Reduce OPIC Loan Approval to Disbursement Time	Yellow	<ul style="list-style-type: none"> • Communicated to OPIC 	
19. Provide Public Statement of Domestic Benefits During OPIC Loan Approval Process	Yellow	<ul style="list-style-type: none"> • Communicated to OPIC 	
20. Provide Annual Report on OPIC U.S. Contractor Use	Yellow	<ul style="list-style-type: none"> • Communicated to OPIC 	
21. EXIM Create Compensatory Drawdown Trust	Red	<ul style="list-style-type: none"> • REEEAC discussed with key stakeholders but decided not to pursue. • No further action necessary. 	Closed out.
22. EXIM Amend Statutory Waiver to Make Conversion to Comp. Waivers Eligible	Yellow	<ul style="list-style-type: none"> • EXIM is piloting financing for foreign shipping costs on a project with a compensatory waiver. • Maritime Administration is awaiting a request to convert a statutory determination to a compensatory determination 	

REEEAC Recommendation Matrix: Charter II

Recommendation	Status	Stakeholders/Actions/Updates	Next Steps?
1. Create RE&EE product/services catalog for Overseas U.S. facility Use		<ul style="list-style-type: none"> • DOC discussed with State: there is a catalog in use and they are working on enhancing related RE & EE information for facilities managers • State-DOE-DOC collaborated to develop R3App, It is in beta testing 	Finish R3 App Beta Testing.
2. Recommend WCO Establish HTS for RE Equipment and Components		<ul style="list-style-type: none"> • DOC met w ITC to understand process for new codes and updated REEEAC on April 8, 2014. • No further action possible. 	Closed out.
3. Accelerate Efforts to Eliminate RE&EE Tariffs Expansion of APEC & EGA		<ul style="list-style-type: none"> • WTO now taking up binding pluralateral agreement – the Environmental Goods Agreement • USTR continues to work with Congress, industry, and other stakeholders through negotiating rounds. • Trans-Pacific Partnership negotiations concluded. 	Conclude EGA negotiations.
4. USTR Address LCRs through Binding Agreements		<ul style="list-style-type: none"> • REEEAC and DOC have discussed with USTR 	
5. Increase Monitoring of LCRs by USG		<ul style="list-style-type: none"> • DOC implemented “report a trade barrier” button on export.gov • LCRs have become an issue for the Secretary and other senior officials when engaging counterparts in relevant markets. 	Ongoing.
6. Strategically Focus Trade Missions with Top Markets Inputs		<ul style="list-style-type: none"> • DOC briefed Secretary Pritzker on RE Top Markets Study and potential for strategic role in Trade Promotion Programs. • DOC incorporated top markets reports rankings into decision-making for trade mission approval 	Ongoing.
7. Develop Country/Regional Integrated Resource Plans		<ul style="list-style-type: none"> • DOC and REEEAC meetings with Worldwatch, USAID, and State Dept: strong interest, but concrete pro 	.
8. Brief EDs of Multilateral Agencies on U.S. Industry		<ul style="list-style-type: none"> • DOC briefed incoming ED of World Bank. • DOC and OPIC organized seminar on EBRD with U.S. business • DOC organized event with IDB 	Ongoing.
9. Increase RE&EE Training Across DOC Bureaus		<ul style="list-style-type: none"> • DOC has conducted outreach with multiple bureaus and received expressions of interest. • Commercial Service Global Teams training for Global Energy Team completed August 2015 and ongoing training held on margins of trade shows • Monthly Global Energy Team calls include industry presentations to increase capacity. • Analysts alerts global teams of upcoming industry webinars 	Ongoing.

REEEAC Recommendation Matrix: Charter II

Recommendation	Status	Stakeholders/Actions/Updates	Next Steps?
10. Develop Competitiveness PPP led by CEMI	Green	<ul style="list-style-type: none"> • DOC raised issue at TPCC meeting. • DOE priority to enhance partnership with Commerce Manufacturing Extension Partnership • DOC Rep on CEMAC Advisory Board • DOE Launched three Clean Energy Manufacturing Innovation Institutes working with NNMI and new FOA released 	Closed out.
11. Develop Interagency Roadmap on RE&EE Competitiveness	Green	<ul style="list-style-type: none"> • DOC and DOE have discussed. • DOC continues to brief interagency on <i>Top Markets</i> and sector snapshots • TPCC agencies to comment on Top Markets recommendations • TPCC Working Group on RE&EE meetings ongoing to enhance coordination • Ongoing. 	Closed out.
12. Expand RE4I Sector Focus to Grid Resilience	Green	<ul style="list-style-type: none"> • REEEAC charter's "balance plan" was updated and 2014-2016 relevant membership increased. • DOC has expanded RE Trade Mission recruitment and other activities to include grid resilience and strategic plan for smart grid portfolio has been updated as well. • DOC continues to integrate 'grid resilience' and related technologies/applications to RE4I. • DOE/OE participation in TPCC-REEE. 	Closed out.
13. Standardize Country Commercial Guides and improve energy sector analysis	Green	<ul style="list-style-type: none"> • DOC has developed a standard template for CCGs, including more focused analysis of RE when identified as a market's leading sector for U.S. exports. • Integration of Top Markets Study with CCGs and other ITA products 	Closed out.
14. Develop Transmission Planning Standards & Policy Options	Yellow	<ul style="list-style-type: none"> • DOC discussion with REEEAC leadership determined that this should be a priority outcome of IRP objective. 	
15. Develop a Quick Guide for Export Financing	Yellow	<ul style="list-style-type: none"> • Guide raised with financing agencies • Export.gov website includes RE/EE financing specifics 	Closed out.
16. Increase Public Awareness of STCEIP	Yellow	<ul style="list-style-type: none"> • Project was placed on hold during Ex-Im reauthorization. 	

REEEAC Recommendation Matrix: Charter III

Recommendation	Status	Stakeholders/Actions/Updates	Next Steps?
1. Rejuvenate Trade Promotion Coordinating Committee Working Group on Renewable Energy & Energy Efficiency (TPCC-REEE)	Green	<ul style="list-style-type: none"> • First meeting held March 2016 • Principal's meeting convened June 2016 • Meetings continue to be held at the working level 	Closed out.
2. Enhance financing support	Green	<ul style="list-style-type: none"> • DOC has sent letters and recommendations to EXIM, OPIC, and TDA • Secretary Pritzker responded to letter sent by Committee on October 21 • EXIM and OPIC attend Feb 2 REEEAC meeting • Held financing workshops at CEM and Mexico Trade Mission with Interagency • Launched TPCC-REEE Sub-group on Financing 	Ongoing.
3. Increase Industry Input to Renewable Fuels Top Market Study	Yellow	<ul style="list-style-type: none"> • DOC and USDA met with REEEAC members • REEEAC members have sent resource inputs to ITA 	DOC complete 2016 top market report and have REEEAC members review
4. Inform DOC Renewable Fuels Decision-Making	Green	<ul style="list-style-type: none"> • DOC sent white paper to domestic/international field for their use • White Paper will remain on file for future use 	Closed out.
5. Improve USG Renewable Fuels (and RE & EE) Capacity	Yellow	<ul style="list-style-type: none"> • DOC have discussed possible opportunities with REEEAC sub-committee members for increasing capacity • Monthly industry speakers present to Global Energy Team on relevant topics • Global Energy Team trainings being held on margins of International Buyer Program trade shows (e.g., Solar Power International (2016) and Power-Gen International (2016)) 	REEEAC should complete training module. DOC staff will identify an opportunity to role out.
6. Improve Smart Cities Trade Promotion Programing	Green	<ul style="list-style-type: none"> • Secretary Pritzker responded to letter on October 21 • DOC facilitated call on China and India trade missions for sub-committee members • DOC discussed with NIST engagement through Global City Team Challenge and upcoming June Expo; REEEAC invited • DOC holding regular meetings among smart cities sector and regional leads • Smart Cities planning worksheet was completed and approved by the REEEAC, worksheet sent to domestic/international field and to TPCC agencies and included in Smart Cities Guide 	Ongoing.