

The Future of CECOP

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Discussion Overview



- CEAG and CECOP Overview
- CECOP Future Opportunities (discussion and polling)

• Review CECOP Future Polling Results

• Discuss Next Steps

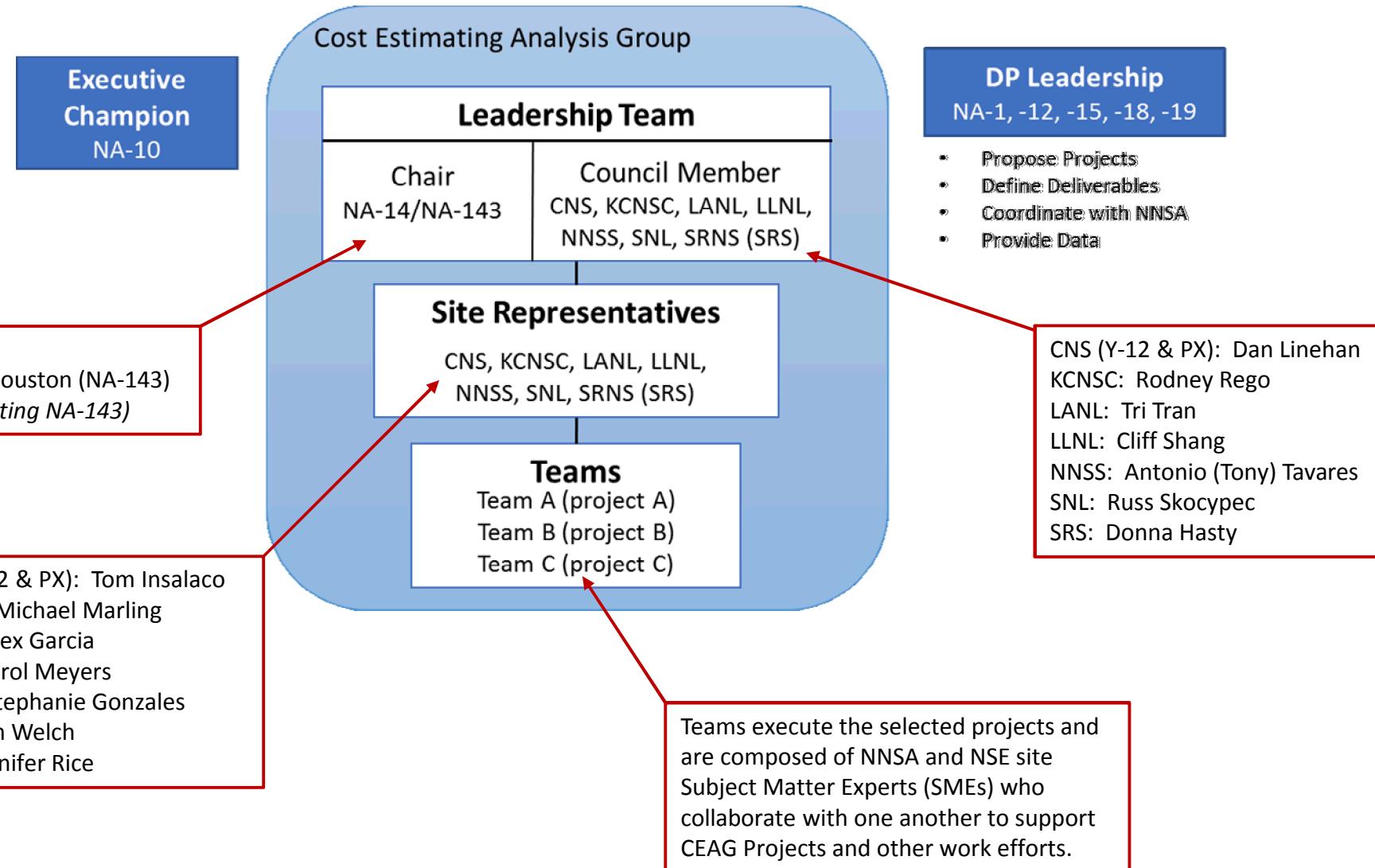
A large bracket on the right side of the slide groups the first two items under the heading 'Morning Session'. Another bracket on the right side groups the last two items under the heading 'Afternoon Session'.

Cost Estimating Analysis Group (CEAG)

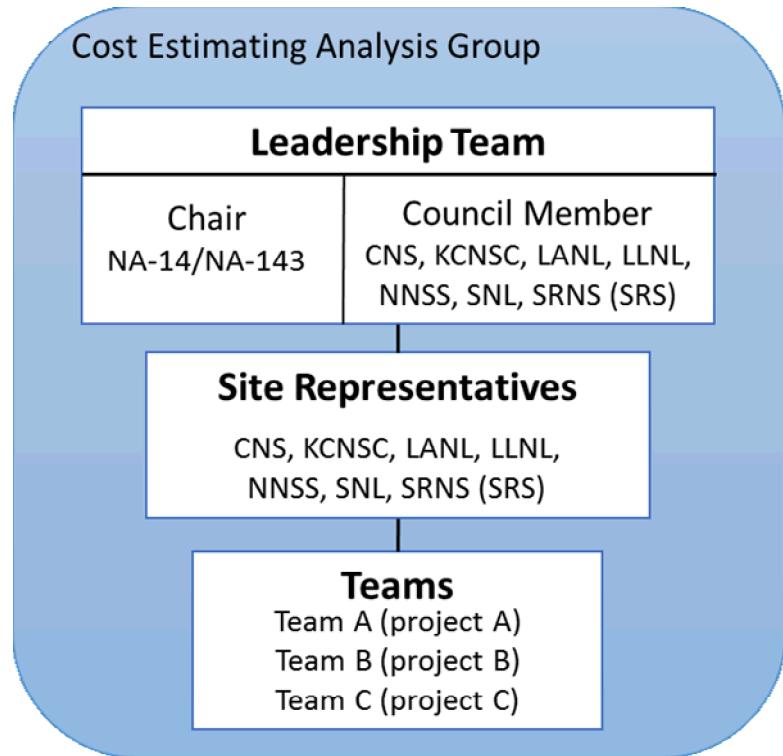


The CEAG is a Nuclear Security Enterprise (NSE)-wide working group with membership from the nuclear weapon design and production agencies and federal program directors and managers (FPD, FPM).

DP's CEAG Organizational Chart



CEAG Mission

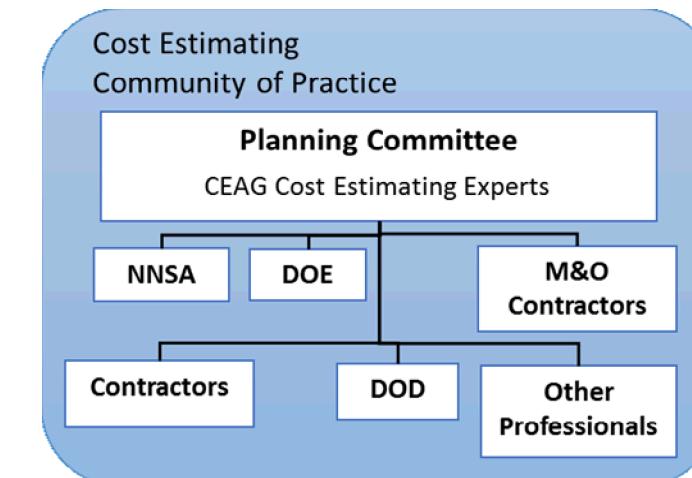
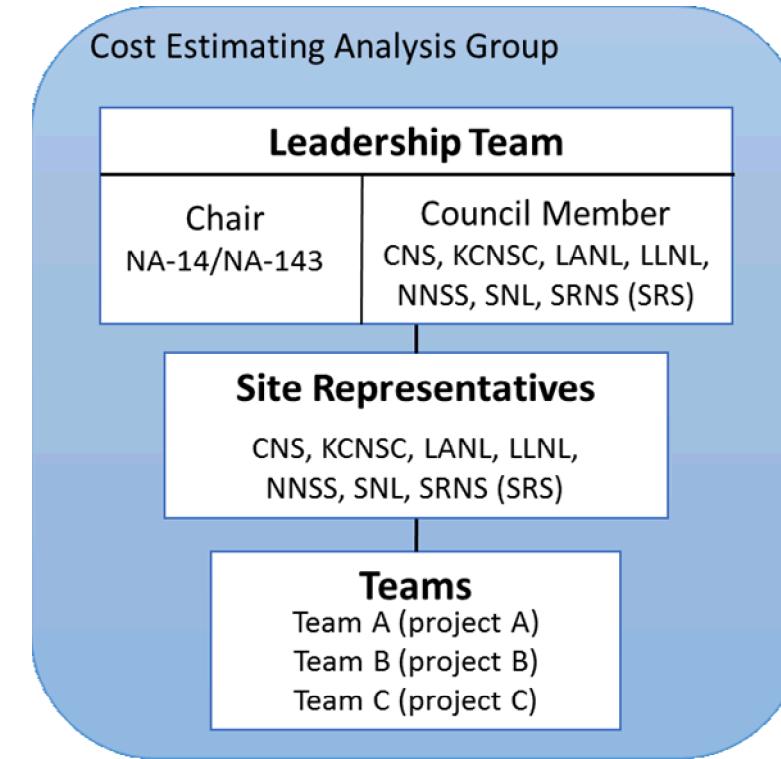


- Foster communication, relationships, and information sharing through NSE site collaboration
- Develop skills to improve reliability, credibility, and validity of cost estimates
- Develop and employ tools, analytical processes, and training for cost estimating activities within Defense Programs

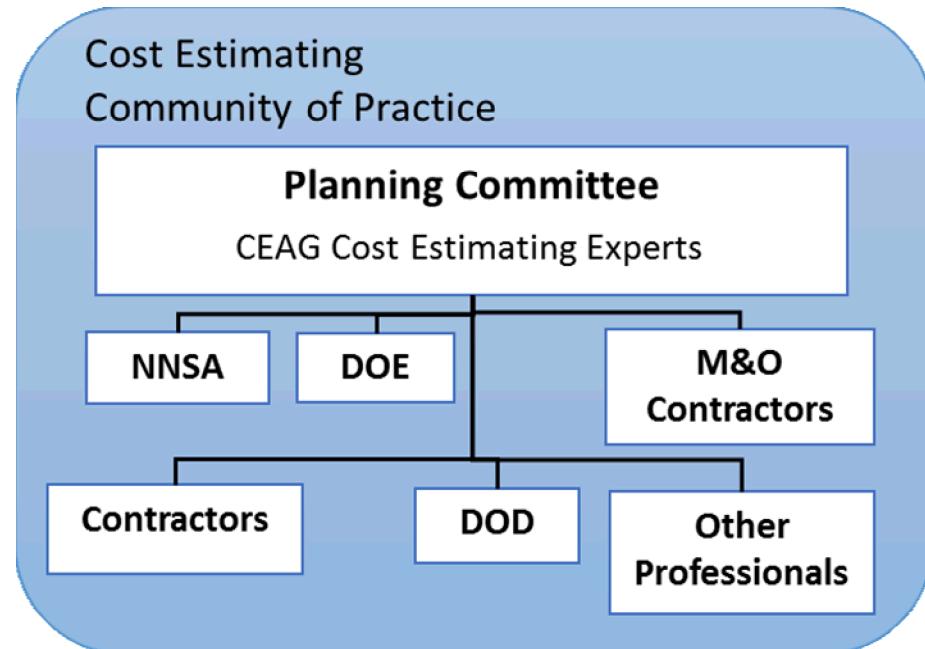
CEAG is a principal source for cultivating expertise, experience, and excellence in cost estimating for DP activities within the NSE.

CEAG Portfolio

- Value-added applications
 - Current: W80-4 WDCR review and support
 - Completed: W88 ALT370 BCR review, ECSE review, B61-12 BCR review
- Core capability/methodology development
 - Current: review and update Cost Review Framework (CRF), address FY16 review recommendations (e.g., integrated risk, contingency/risk)
 - Completed: development of CRF
- Relationship development
 - Current: increased interactions with NA-14, NA-19,-18, CEPE, and others
 - Completed: support to FPMs
- CECOP



CECOP Organization



- Modeled after a professional society in the discipline of cost estimating as applied in government organizations.
- CECOP Committee - cost estimating experts nominated by CEAG council - responsible for:
 - Developing CECOP Symposium
 - Organizing information exchanges and educational opportunities

Build trust and establish community among NSE members and with external entities.

CECOP Goals

- Build community and relationships
 - Knowledge Sharing
 - Project Collaboration



- Enable communication and networking
 - Training
 - Working Groups/Special Interest Groups
 - Symposium



- Create space for technical exchange
 - Methodology Development
 - Data Analysis
 - Lessons Learned
 - Best Practices





Its time to poll!

We want
your response...

Training & Education

Knowledge Exchange

Future Symposia



Respond at **PollEv.com/cecopsymposi243**



Text **CECOPSYMPOSI243** to **22333** once to join, then text your message



Future of CECOP: Training and Education



- **Question #1**

- What gaps in cost estimating do you currently have at your site where subject matter training would be beneficial?

List your site.

- 1) CNS (Pantex)
- 2) CNS (Y-12)
- 3) LANL
- 4) LLNL
- 5) NNSN (Nevada)
- 6) KCNSC
- 7) SRNS (SRS)
- 8) SNL
- 9) NNSA General
- 10) Other

List up to three.

- A. Contingency
- B. Risk & Mitigation
- C. Pre 6.x effort and costs analysis
- D. Uncertainty calculation analysis
- E. Other Program Money (OPM)
- F. Leveraging
- G. Dependency Funding
- H. Other

Example answer:
9, A, D

Future of CECOP: Training and Education



- **Question #2**

- Of the potential gap areas, which areas should be a priority for future focus?

List 1 top priority.

- A. Contingency
- B. Risk & Mitigation
- C. Pre 6.x effort and costs
- D. Uncertainty calculation analysis
- E. Other Program Money (OPM)
- F. Leveraging
- G. Dependency Funding
- H. Other

Future of CECOP: Training and Education



- **Question #3**

- Do you have any specific areas of expertise in cost estimating & analysis that you'd be willing to share with this community?

Please respond with:

Your name, site, area(s) of expertise.

Future of CECOP: Training and Education



- **Question #4**
 - What training have you received that you would recommend to others?

Please respond with:

Training description, sponsoring organization.

Future of CECOP: Training and Education



- **Question #5**

- What existing sources should CECOP leverage to improve our cost estimating practices within NSE?

List 1 top priority.

- A. US Government Organizations (DoD, NASA, US GAO, etc.)
- B. Other Government Organizations (Atomic Weapons Establishment (AWE), NATO, etc.)
- C. Professional Associations (ICEAA, AACE-I, etc.)
- D. Academia
- E. Other

Future of CECOP: Knowledge Exchange



- **Question #6**

- How do we share and exchange cost estimating knowledge with others in NSE?

List your choices.

- A. Interest/Working Groups
- B. Site to Site Collaboration
- C. Symposiums
- D. Online Forum (Max.gov)
- E. Other

Example answer:
A, C, D

Future of CECOP: Knowledge Exchange



- **Question #7**

- If you have an interest in Working Groups, what is your site that will be willing to participate in a subject matter?

List your Site.

- 1) CNS (Pantex)
- 2) CNS (Y-12)
- 3) LANL
- 4) LLNL
- 5) NNS (Nevada)
- 6) KCNSC
- 7) SRNS (SRS)
- 8) SNL
- 9) NNSA General
- 10) Other

Future of CECOP: Knowledge Exchange



- **Question #8**

- What Working Group topic areas would you be interested in pursuing?

List your interests.

- A. CE Methodologies and Process Development
- B. Best Practices
- C. Building Historical Cost Databases
- D. Tutorials and Desktop Guides
- E. Data Collection
- F. Database Management
- G. Other

Example answer:
A, C, D, E

Future of CECOP: Knowledge Exchange



- **Question #9**

- What type of working group engagement would you prefer?

List up to three preferences.

- A. Video Conference meetings
- B. Quarterly face to face meetings (rotating sites)
- C. Bimonthly face to face meetings (every two Months)
- D. Telephone meetings
- E. Workshops
- F. Web exchanges (e.g. Max.gov, SharePoint, Wiki, etc.)
- G. Other

Example answer:
A, C, E

Future of CECOP: Symposia



- Question #10
 - What format would you like for the next symposium?
 - A. Training and education (only)
 - Specific topics, learning tracks
 - B. Presentations focused on preselected topics
 - Defense Program project related, working group reporting, external (non-NSE)
 - C. Both A & B
 - D. Other

Future of CECOP: Symposiums



- **Question #11**
 - What is the appropriate number of days for the next symposium?

Your thoughts.

- A. 2 days
- B. 2 ½ days
- C. 3 days
- D. Other

Future of CECOP: Symposiums



- **Question #12**
 - Would you want an evening group outing included with future CECOP Symposiums?
 - A. Yes
 - B. No

More to come...



- Thank you for the input and feedback
- Afternoon session will discuss the results of the polling and include open discussion to capture more detail around the results
 - Future of CECOP Goal is to leave with:
 - Top three- four education and training topics
 - Some working groups defined and teams engaged
 - Ideas for the next CECOP Symposium
- Distribute end of symposium questionnaire
 - We want to know what you liked and didn't like
- Acknowledgements

The Future of CECOP

Polling Review & Discussion

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Future of CECOP: Training and Education



- **Question #1**

- What gaps in cost estimating do you currently have at your site where subject matter training would be beneficial?

List up to three.

- A. Contingency
- B. Risk & Mitigation
- C. Pre 6.x effort and costs
- D. Uncertainty calculation analysis
- E. Other Program Money (OPM)
- F. Leveraging
- G. Dependency Funding
- H. Other: specify topic area

	Site	3 Gaps
1.	CNS (Pantex)	
2.	CNS (Y-12)	
3.	LANL	
4.	LLNL	
5.	NNSS (Nevada)	
6.	KCNSC	
7.	SRNS (SRS)	
8.	SNL	
9.	NNSA General	
10.	Other	
	Top 3 combined all sites:	

Future of CECOP: Training and Education

• Question #2

- Of the potential gap areas, which areas should be a priority for future focus?

List 1 top priority.

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- H. Other: specify

	Site	#
A.	Contingency	
B.	Risk & Mitigation	
C.	Pre 6.x effort and costs	
D.	Uncertainty calculation analysis	
E.	Other Program Money (OPM)	
F.	Leveraging	
G.	Dependency Funding	
H.	Other: specify	

Future of CECOP: Training and Education



- Question #3

- Do you have any specific areas of expertise in cost estimating & analysis that you'd be willing to share with this community?

Future of CECOP: Training and Education



- **Question #4**

- What training have you received that you would recommend to others?

Training Description	Sponsoring Organization

Future of CECOP: Training and Education

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- What existing sources should CECOP leverage to improve our cost estimating practices within NSE?

A.	US Government Organizations (DoD, NASA, US GAO, etc.)	
B.	Other Government Organizations (Atomic Weapons Establishment (AWE), NATO, etc.)	
C.	Professional Associations (ICEAA, AACE-I, etc.)	
D.	Academia	
E.	Other	

Future of CECOP: Knowledge Exchange



- **Question #6**
 - How do we share and exchange cost estimating knowledge with others in NSE?

List your choices.

- A. Interest/Working Groups
- B. Site to Site Collaboration
- C. Symposiums
- D. Online Forum (Max.gov)
- E. Other: specify

	Training Environment	#
A.	Interest/Working Groups	
B.	Site to Site Collaboration	
C.	Sym	
D.	Bi-monthly	
E.	Monthly	

Future of CECOP: Knowledge Exchange



- **Question #7**

- If you have an interest in Working Groups, would you be willing to participate on a subject matter that interests you?

	Site	# Responded Yes
1.	CNS (Pantex)	
2.	CNS (Y-12)	
3.	LANL	
4.	LLNL	
5.	NNSS (Nevada)	
6.	KCNSC	
7.	SRNS (SRS)	
8.	SNL	
9.	NNSA General	
10.	Other	

Future of CECOP: Knowledge Exchange



- **Question #8**

- What Working Group areas would you be interested in pursuing?

	Interest areas	#
A.	CE Methodologies and Process Development	
B.	Best Practices	
C.	Building Historical Cost Databases	
D.	Tutorials and Desktop Guides	
E.	Data Collection	
F.	Database Management	
G.	Other: specify	

Future of CECOP: Knowledge Exchange

- **Question #9**

- What type of working group engagement would you prefer?

	Work Group Engagement	#
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D.	Telephone meetings	
E.	Workshops	
F.	Web exchanges (e.g. Max.gov, SharePoint, Wiki, etc.)	
G.	Other: specify	

Future of CECOP: Symposiums

- **Question #10**
 - What format would you like for the next symposium?

	Work Group Engagement	#
A.	Training and education (Only) Specific topics, learning tracks	
B.	Presentations focused on preselected topics Defense Program project related, working group reporting, external (non-NSE)	
C.	Both A & B	
D.	Other: specify	

Future of CECOP: Symposia



- **Question #11**

- What is the appropriate number of days for the next symposium?

	Length of Symposium	#
A.	2 days	
B.	2 ½ days	
C.	3 days	
D.	Other: specify	

Future of CECOP: Symposiums



- **Question #12**

- Would you want an evening group outing included with future CECOP Symposiums?

Question:	Yes	No
Evening group outing activity?		

CEAG Council



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**Thank you for participating in the
Future of CECOP discussion.**

Please fill out the
Symposium Survey.

