CIM Users Group 2018 Meeting - Europe

Meeting Evaluation (58 surveys received)

Thank you for joining us in Ljubljana, Slovenia for the CIM Users Group Meeting 2018 – Europe. Please take a moment to share your feedback on the meeting in the form below.

How many CIM Users Group meetings have you attended, prior to this one?

25	None
18	One to five
15	Five or more

How do you rate the value of this meeting?

46	Very Valuable
12	Somewhat Valuable
	Not at all Valuable

Should we continue to host three-day meetings?

54	Yes
4	No
	No opinion

How often should we organize CIM User Group Meetings in Europe?

48	Annually
10	Bi-annually (every two years)

How would you rate your experience with the CIM standards? Please circle one of the experience levels below:

5 New to CIM

6 Knowledge of CIM but no experience in using CIM on a project (utility, vendor, or consultant) *Me as a person*

26 Currently using CIM on a on a utility project or product development or consulting

24 Completed a CIM project(s) *as company DAX APS*

Do you have any recommendations on where we should host the future European CIM User Group Meetings? London, Vienna, Oslo, Dublin, Berlin, Amsterdam, Glasgow, Italy, Spain France, Moscow, Sofia, Budapest, Bratislava, Russia, Stockholm, Rome, Geneva, Brussels, Copenhagen, Slovenia, Amsterdam, Zurich, Belgrad Serbia. In countries which haven't hosted a European CIM meeting yet (Sweden, Denmark, Finland, Russia, Ireland, Spain, Greece etc. The CIM University should be split by the participants knowledge: from novice to expert.

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CIM University, June 5, 2018

Did you attend CIM University?

50	Yes
6	No

If you attended CIM University, please share your opinion below.

Which track or tracks did you attend?

20	Track 1 - CIM Basics and Enterprise Integration
31	Track 2 - CIM and Network Analysis
13	Track 3 - CIM Tools

If you attended the CIM Basics and Enterprise Integration track, did it meet your expectations?

15	Yes
3	No
3	No opinion

If you attended the CIM Basics and Enterprise Integration track, how could it be improved?
- Maybe add a Entso-E speaker to add info about the adds of CGMES to the CIM.
- Show one clear example during the classes (and stick with it), say transformer.
- I actually only went on the "deep dive" in the CFM integration so it could address the more detailed problems.
- Maybe more words for explaining the real basics.
- Explain short cuts, don't put too much on one page.
- Show process from the start.

If you attended the CIM and Network Analysis track, did it meet your expectations?

29	Yes
	No
11	No opinion

If you attended the CIM and Network Analysis track, how could it be approved?
- With more details and hands on re software solutions.
- Long day, lots of presentations/information. Maybe a small break after each presentation.
- Sometimes more time for discussions, but than it is hard to keep in parallel with the other tracks.
- Very interesting and informative
- It would be nice to hear some of the use cases demonstrated with CIM XML representation (for instance the transformer neutral connection bounded with CIM XML).
- It was pretty good as it was.
- Maybe by adding more specific (individual) examples of cases in Network Analysis, their problems and solutions.
- No comments, everything was good. Presenters/instructors did a good job.

If you attended the CIM Tools Track, did it meet your expectations?

7	Yes
8	No
2	No opinion

If you attended the CIM Tools Track, how could it be improved?
- Use a use case as example: Extending an existing profile (1) or (2) Create a new small profile.
- Focus on extensions
- More dynamic, more interaction
- More practical and advanced approach should be used opposite to the beginners level which was used.
- It was much too superficial. I would expect more practical examples.
- Would appreciate more connection with code engineering, e.g. export of class diag-into various languages (UML → Python)
- It can involve more detailed tutorials, not how to install EA.
- The start was good but once we reached EA, it fell apart. No structure and no systematic way of teaching.

- More hands on work with the tools – more practical examples
- Add more detailed examples
- Exercises during presentation. It is needed to have a practical approach with tools
- More time to implement specific use case
- Add concept of TOGAF, SOA, ArchiMate
- By having more hands-on approach. It can be a workshop.

Did you find the CIM University program useful?

47	Yes
3	No
2	No opinion

Should we continue to host the CIM University program?

50	Yes
	No
1	No opinion

Is one-day enough time for the university program?

36	Yes
6	No

Comments:
- This group discuss expert topics and should be extended.
- Definitely separate tracks in order for one to be able to attend all instead of same time.
- I suggest you make one part of it a workshop.
- It can't cover everything but otherwise people would be worn out.
- It should be more workshop based (at least track 3)
- No, I was interested in attending more than one track
- Just make it different
- As knowledge is growing, maybe we need to add a workshop session
- More days would be useful for "advanced" courses

Are there future topics that we should add to the curriculum?
- Market (2x)
- Yes, practical hands-on use-cases.
- Integration, infrastructure, technologies, ESB
- Case base model building process best practices
- More topics and examples for connecting the dynamic data with the static physical network model.

- Maybe start with motivation presentations like how CIM is used in industry.
- How can CIM create financial benefits for utilities.
- What are the average costs of an integration project and how much money can realistically be saved with CIM.
- CIM for market: ESMP
- Real use cases
- The ontology tracks
- The mapping between systems
- Maybe to have concrete examples like a "live hack".
- Data analytics leveraging CIM2 61850
- In depth generic business processes associated with CIM
- In depth user experiences
- Ad ArchiMate and OWL

Which sessions or topics did you find most useful?

- NMM in action
- A deep dive into CIM-based integration
- NMM solutions and approach
- Introduction Terry Saxton
- Track 2
- Network Operations, Margaret Goodrich
- NMM (2x)
- Modsaurus, CIM tools
- Modelling concepts, EA
- Enterprise architect, UML, Modsaurus
- CGMES, EQ profile
- Network model Part and Assembly
- Network model – DL profile
- The overview of the Slovenian-Japanese project with 5 presenters
- Network model – EG profile (special topics)
- Modeling conventions (mutual coupler for instance)
- Assembly procedure
- All "network model"topics, ENTSO-E implementation of the CIM, developing a CIM based architecture for distribution grid.
- CIM UML with Margaret Goodrich
- Closing panel session was excellent
- CIM Tool
- Session 2, 4, 5 and 6
- All
- 1. Frameworks, model parts, assembling 2. Versioning
- MDM and OWL stuff
- Network model management
- Network model profiles (EQ, TP, SSH, SR..) parts and assembly

  – Explanation of standards and model description

How could we improve the CIM University experience?

  – With more hands on projects.
  – More breaks for "knowledge"
  – More time for expert discussions
  – More concrete examples of good integration practices.
  – Less use-case generation topics.
  – Somehow divide the track lessons in different time frames, in order for attendees to be present on all tracks of interest.
  – With a workshop-like approach for more experienced users and a less superficial overview for others.
  – Include more practical ways/short workshops with presented tools.
  – More examples, less "working group commercials". Example: two utilities need to exchange data xy – how do they do that with CIM?
  – You can set the tracks in different time and you can add previews of the lectures, not just the name of the topics
  – Maybe do away with the panel – folks were too exhausted to generate good conversation.
  – Have the CIM Univ events more often or even online. Shorter intense courses where people get the info
  – More practical stuff, less theory
  – With practical labs
  – Some more time hands on practice/use cases and finally "overlap" of hot or core topics.
  – Airconditioning

Are you interested in teaching a future CIM University course?

7	Yes
26	No
13	Maybe

Speakers:
Yes (6):

  o The project implementations are very interesting for sharing experience.
  o News in CIM100 and why
  o Connection of different models – best practices for connecting different use case model into one. Physical network model.
  o TZ "simple" topics
  o Need to discuss topic

        o   Architecture, ontology

Maybe (3):

        o   Information modelling

CIM User Group Meeting 2018 - Europe, 5-7 June.

On a scale from 1 to 5, with 1 being the lowest and 5 the highest, please rate the usefulness of each of the following sessions or topics:

Rating 1-5							
1	*2*	*3*	*4*	*5*	*Total*	*Score*	*Title*
2	9	14	11	15	51		ELES Role in Energy Transition
2	*18*	*42*	*44*	*75*	*181*	*3.5*	
3	10	18	16	4	51		How Siemens is Driving CIM-based Commitment and Innovation for DSOs / TSOs
3	*20*	*54*	*64*	*20*	*161*	*3.2*	
2	3	10	23	15	53		IPS-NMM™ - Full Network Model Management Implementation
2	*6*	*30*	*92*	*75*	*205*	*3.9*	
	4	17	18	10	49		CIM based Systems Integration Projects in the scope of the Slovenian-Japanese "Nedo"project.
	8	*51*	*72*	*50*	*181*	*3.7*	
	3	20	11	15	49		Open Source CIM Based Integration: Elektro Celje DNO Experience and Lessons Learned
	6	*60*	*44*	*75*	*185*	*3.8*	
1	8	12	19	9	49		Integrating GIS and CIM Repository with CIM-GIS Adapter
1	*16*	*36*	*76*	*45*	*174*	*3.6*	
	2	22	13	11	48		CIM Based Integration for Demand Response Pilot Project
	4	*66*	*52*	*55*	*177*	*3.7*	
	4	16	16	13	49		NEDO Project - Discussion
	8	*48*	*64*	*65*	*185*	*3.8*	
	4	14	15	13	46		

	8	42	60	65	175	3.8	Design and Development of Enhanced Data Exchange to Enable Future TSO-DSO Interoperability
	4	22	16	5	47		Realizing a Standardized Open-Source DSO Integration Platform – Lessons learned
	8	66	64	25	163	3.5	
3	3	17	15	7	45		How the OpenFMB Uses CIM and 61850 to Support DER
3	6	51	60	35	155	3.4	
	4	6	22	14	46		CIM For Network Model Management, Analysis and Simulation
	8	18	88	70	184	4.0	
1	4	9	14	15	43		Implementation Details and Real-Life Benefits of CIM Integration Project
1	8	27	56	75	167	3.9	
1	6	19	13	14	53		ENTSO-E Implementation of the CIM
1	12	57	52	70	192	3.6	
1	3	11	12	24	51		Developing a CIM-Based Architecture for Distribution Grid Model Data Management
1	6	33	48	120	208	4.0	
3	4	10	17	17	51		Linked Energy Data, Merging Information Standards in the Web Ontology Language
3	8	30	68	85	194	3.8	
	3	16	13	18	50		Leveraging Blockchain for Network Model Management
	6	48	52	90	196	3.9	
	5	12	13	21	51		An Alternative CIM Modeling Approach Using JSON-LD
	10	36	52	105	203	4.0	
	1	7	8	30	46		RESTful CIM using the Open Data Protocol
	2	21	32	150	205	4.5	
1	3	16	6	13	39		

1	6	48	24	65	144	3.7	Using 61850 and CIM to Enable Condition Based Analytics of Substation Equipment. A review of a Pilot Project.
1	2	8	13	15	39		What's New in the Latest CIM UML Model Release
1	4	24	52	75	156	4.0	
	3	5	8	17	33		Ask The Experts: Panel Session
	6	15	32	85	138	4.2	

How could we improve the meeting?

- Continue with Day 1 introductions, great for networking.
- Join user group meeting CIMug/61850ug
- Background music during dinner.
- More diverse topics.
- More technical innovations.
- Multiple tracks during the first day were useful. They allowed more specialized topics.
- Interactive tutorials with users who can bring their laptops and try an assignment/exercise.
- Find a way so the user can attend the lectures from all of the tracks.
- Put presentations on the website at the beginning of the day or print them (4 slides on one page).
- Create a tutorial for university (for preparation) and send link.
- If you can figure out how companies with knowledge about CIM can help companies without knowledge to understand the things they don't know but need to know. That would be miraculous.
- More stories from distribution utilities
- I will give marks after getting the presentations
- Add remote web access (streaming) for remote attendees (or record sessions for later viewing).
- Add a day to CIMU
- More on relationship of IRM to Parts & to use case processes, services
- No comments, everything was on high level (presentations, topics and organization)

Are there future topics that we should add to the program?

- Example of installations that include "data models" exchanges between TSO and DSO.

- Data storage
- More information about modeling tools (EA and standards, e.g. UML/BPMN).
- Most common CIM integration problems
- Flexibility markets
- Extension of canonical model
- A minor number of presentations on how other utilities (gas, water..) realize similar projects.
- In Germany the TSO's enforce the DSO's to communicate via CIM/CGMES. It is called "GLDPM". It is maybe very informative for other DSO's in Europe.
- Data analytics using CIM 61850
- TSO-DSO other sectors use cases
- Application of TOGAF and appropriate tool use UML, Archimate, OWL (& relationship to RDFS+)
- Business process modelling techniques, methodology etc
- Ontology modelling
- Model driven Architecture/Engineering
- Cyber security of CIM data exchanges

Other Comments:

- Sit down dinners not my preference, inhibits networking.
- For vendor presentations - premeeting set expectations that presentations will be between x and y minutes.
- CIMug should push for support for JASON-LD serialization.
- Well organized.
- Interesting conference. The discussed topics are very useful for me. I hope I'll be able to attend next year. Keep it up!
- Good for networking.
- Maybe send an example of a standard model/profile before the meeting and some basic information when confirming the registration or send links.
- Lower the volume of the music during dinner to enable conversations.
- Really good speakers!
- All the presentations could be useful but no all of these were well presented.
- All presentations were really good!
- CIMug covers themes from IT and OT world which is a good thing that every attendee can find a useful topic
- I liked that CIM in practice was presented (NEDO project, EG, AEP, NMM
- Vendor sponsored presentations should stick to the schedule

Should we engage other organizations to support the CIM meetings?

If so, who?

- EDSO
- TSO, DSO, Clients to share same experience from live systems
- Italian TSO and DSO
- Gas, water, utilities
- ITUT
- Maybe having metering provider on board would be useful.

Are you a CIM User Group Member?

29	Yes
9	No, send membership details
9	No, not interested in membership

Thanks again for attending our meeting and providing your feedback.