



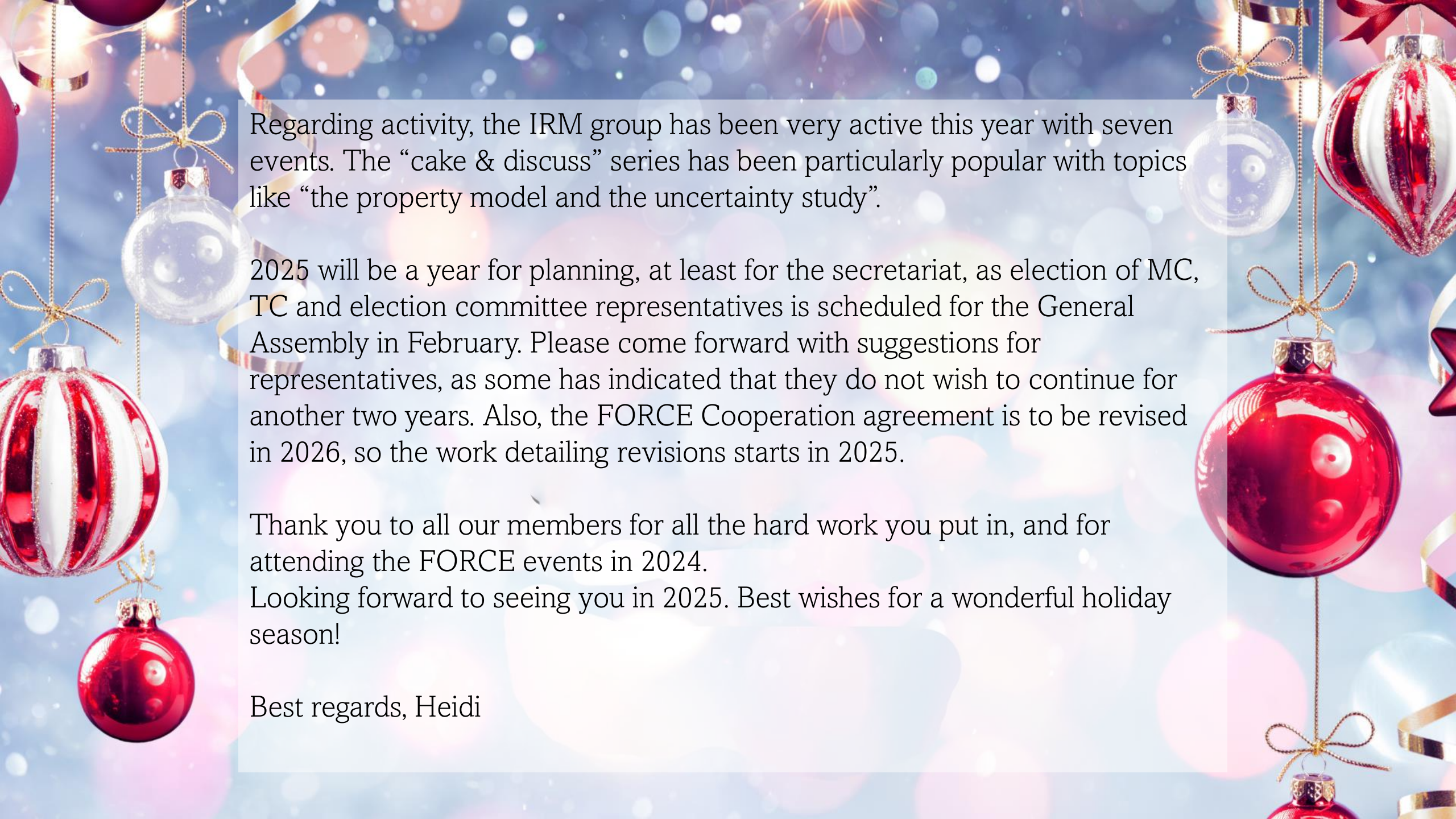
**FORCE Christmas Newsletter
2024**

Greetings from Heidi Hagland

Hi all,

I'm honored to take over the role as project manager in the secretariat after Janka. Although this role is new, I'm not new to FORCE, as secretariat was one of the first tasks assigned to me when I first started at NOD in 2013. I'm looking forward to getting to know all the remarkable people driving FORCE forward, and to participate in some of the many interesting seminars and activities planned to learn more about the opportunities and challenges our businesses face.

2024 has been an active year. 19 in-person seminars and five webinars gathered a total of 1084 participants, slightly less than previous years, when high numbers were due to mostly online seminars. This was the first year of more in-person seminars, which is great. The decision to not run hybrid seminars might also have impacted the numbers as it is easier to participate online. But with the notion that FORCE is to be a meeting place we will continue the practice of arranging in-person seminars and hope the number of participants will increase with time and interesting topics on the agenda.



Regarding activity, the IRM group has been very active this year with seven events. The “cake & discuss” series has been particularly popular with topics like “the property model and the uncertainty study”.

2025 will be a year for planning, at least for the secretariat, as election of MC, TC and election committee representatives is scheduled for the General Assembly in February. Please come forward with suggestions for representatives, as some has indicated that they do not wish to continue for another two years. Also, the FORCE Cooperation agreement is to be revised in 2026, so the work detailing revisions starts in 2025.

Thank you to all our members for all the hard work you put in, and for attending the FORCE events in 2024.

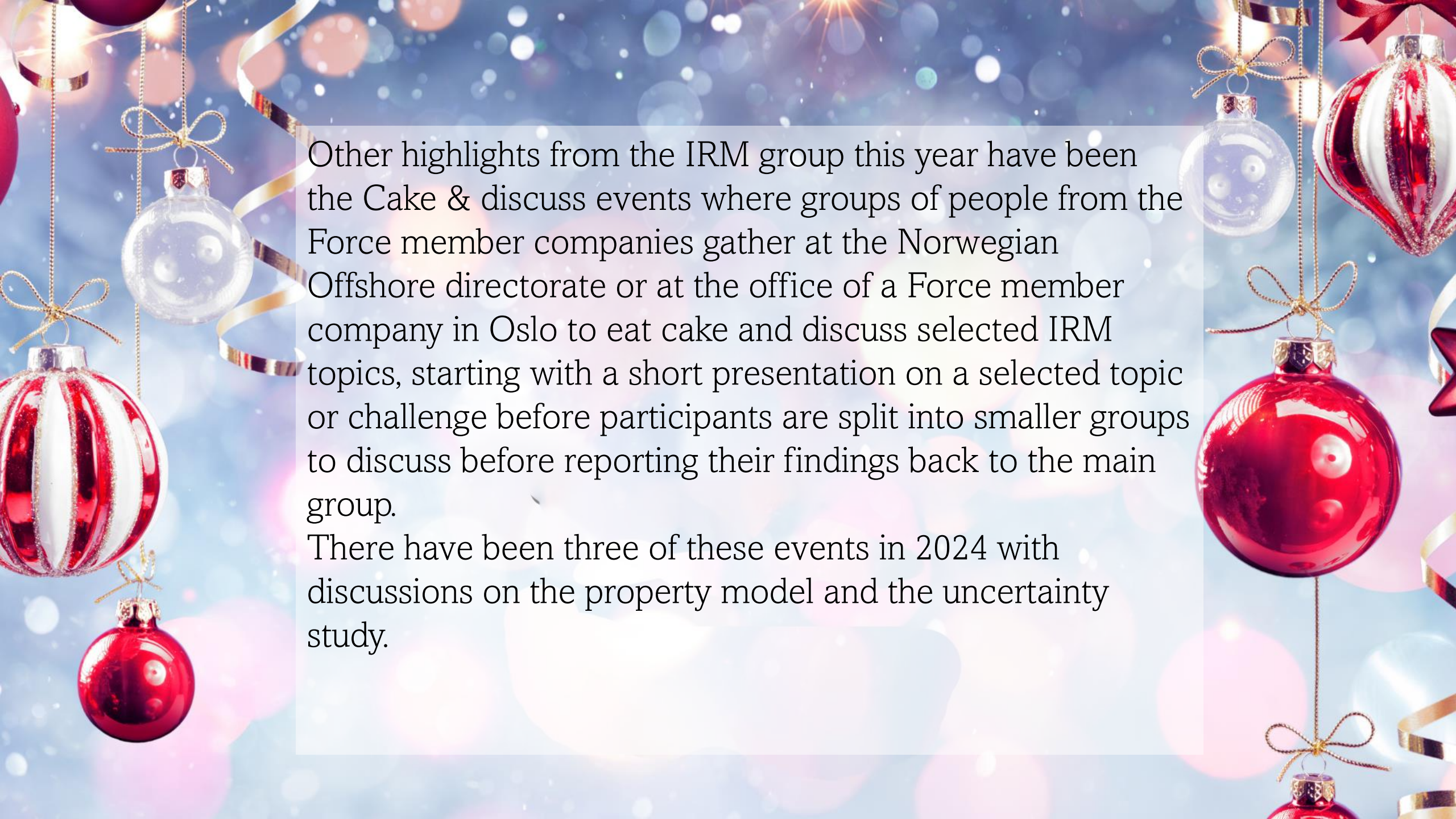
Looking forward to seeing you in 2025. Best wishes for a wonderful holiday season!

Best regards, Heidi



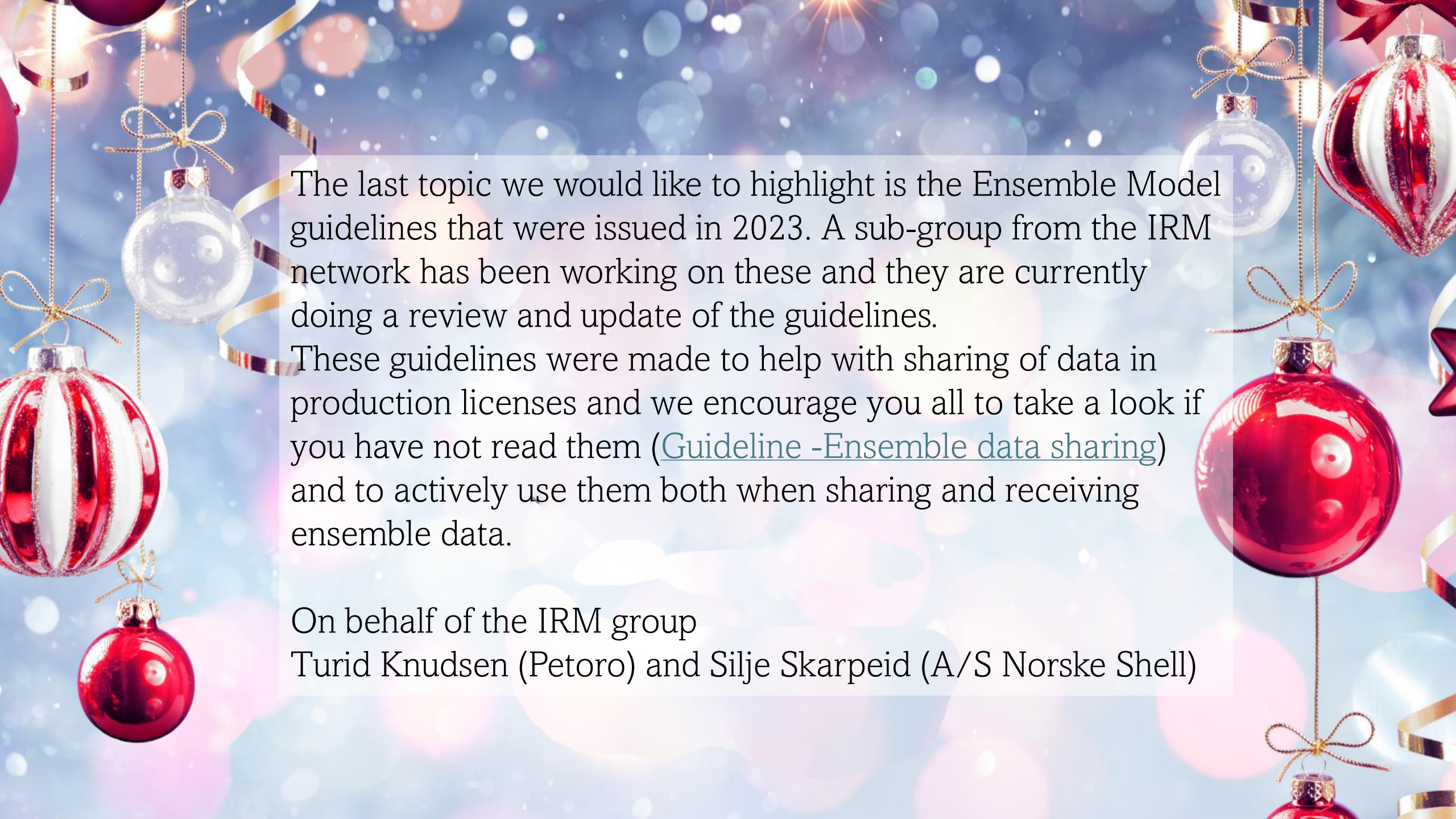
Greetings from the IRM group

Another year has passed and for the IRM (integrated reservoir modelling) network group it has been a year with many events. We started off in early February with a 2-day seminar titled “Making good decisions under subsurface uncertainty: How difficult can it be?” and with more than a hundred attendees and speakers from several Force member companies, Universitetet i Stavanger, a few consultant companies and statistics Norway it was two eventful days which hopefully inspired people to make better decisions in their work. This seminar was a follow-up from a 2-day seminar organized by the IRM group in December 2022, and the aim of the network group is also to organize another 2-day event in 2025.



Other highlights from the IRM group this year have been the Cake & discuss events where groups of people from the Force member companies gather at the Norwegian Offshore directorate or at the office of a Force member company in Oslo to eat cake and discuss selected IRM topics, starting with a short presentation on a selected topic or challenge before participants are split into smaller groups to discuss before reporting their findings back to the main group.

There have been three of these events in 2024 with discussions on the property model and the uncertainty study.



The last topic we would like to highlight is the Ensemble Model guidelines that were issued in 2023. A sub-group from the IRM network has been working on these and they are currently doing a review and update of the guidelines.

These guidelines were made to help with sharing of data in production licenses and we encourage you all to take a look if you have not read them ([Guideline -Ensemble data sharing](#)) and to actively use them both when sharing and receiving ensemble data.

On behalf of the IRM group

Turid Knudsen (Petoro) and Silje Skarpeid (A/S Norske Shell)

Activities 2024

Date	Name	Network Group	Seminar/Webinar
17.01.2024	Snorre conformance control pilot – Modeling the impact on oil recovery and CO2 footprint using	IRM	L&L
25.01.2024	Applications of bound biomarkers in petroleum exploration	Petroleum Systems	Webinar
07.02.2024	Inflow Control Technology – Optimizing well performance through (A)ICD technology & design	Well Technology & Drilling	Webinar
6-7.02.24	Making good decisions under subsurface uncertainty: How difficult can it be?	IRM	2-day Seminar
13.02.2024	Bubbling Opportunities: CO2 Foam for Enhanced Oil Recovery and CO2 Storage	IOR/EOR Competence group	L&L
05.03.2004	Operations Geology and application to Energy Transition and Renewables	IRM	L&L
5-6.03.24	Biostratigraphy, conventional and beyond	Biostratigraphy Group	2-day Seminar
13.03.2024	Addressing Chalk Influx and Solids Production Challenges in the Southern North Sea	Carbonate & Chalk	1-day Seminar
10.04.2024	Joining Forces	Felles	1-day Seminar
11.04.2024	In-person-DISKOS and Seismic Data Management – What Geophysicists need to know	Geophysical Methods	L&L
17.04.2024	In-person Underexplored Plays V	Felles?	2-day Seminar
23.04.2024	In-person Cake & Discuss	IRM	L&L
29.04.2024	In-person: CO2 Storage Project design – Insights from projects	IRM	L&L
28.05.2024	Webinar: Pressure interaction between CO2 storage sites	CCS	Webinar
04.06.2024	In-person: FORCE CCS core workshop	CCS	L&L
06.06.2024	Webinar: Fluid flow history and paragenesis along a syn-rift basin bounding fault: the Helmsdale	Structural Geology	Webinar
27.08.2024	Cake & Discuss- The uncertainty Study	IRM	L&L
18.09.2024	In-person: Structural Reservoir Compartmentalisation	Structural Geology	2 day Seminar
25.09.2024	Charting the Depths: An Interpreter's Perspective on FWI	Geophysical Methods	2 day Seminar
22.10.2024	In-person: FORCE-NSGR Workshop- Seismic Geomorphology: Implication for Offshore Energy ap	Felles med NSRG	1 day seminar
06.11.2024	In-person: Discoveries and cores of the year	Sed Strat	1 day seminar
07.11.2024	In-person: Cake & Discuss-The Uncertainty Study	IRM	L&L
19.11.2024	In-person- Revitalizing under-explored salt basins for the energy transition: Geological storage in	CCS	2 day Seminar
26.11 2024	JIP Proposal- Webinar: New Methodology for Hydro-Mechanical Characterisation of Faults	CCS	Webinar



**We wish all of our FORCE members a
Merry Christmas & a Happy New Year.**

May the FORCE be with you – may you be with FORCE

Kind regards, Heidi, Linn, Inger, Eli, Stig Morten, Tone and Inger