	EOSC-Association Director (Marialuisa Lavitrano) (new)	HLAC member (Rūta Petrauskaitė) (new)	FAIR for Research Software (FAIR4RS) WG (Neil Chue Hong) (new)	GO FAIR (Barbara Magagna) (new)
11 May Pillar 1: Concepts for FAIR implementation				
Concepts for FAIR implementation (Pillar 1)	Rec. 1: define FAIR for implementation			Three-Point FAIRification Framework: has found widespread up take among stakeholders, including large EU projects and commitments from multiple national funding organizations. M4M workshops are now being requested and Dutch organizations (DTL, Health-RI, NPOS) are preparing for training-the-trianer and scaling to meet demand. Also interest in M4M and FIP from EC-level (including JRC). "How to GO FAIR" https://www.go-fair.org/how-to-go-fair/ Rolling Notes: 3PFF WG (bi-weekly meetings since July 31) https://docs.google.com/document/d/188HPcK804IwSU1333rimCDZ44r9r67xBOhgGZn16rjw/edit?usp=sharing M4M https://www.go-fair.org/how-to-go-fair/metadata-for-machines/ & https://www.go-fair.org/today/making-fair-metadata/ M4M Videos https://www.youtube.com/channel/UCO3MPDH9cD4L8fA-tZ1LB7A FIP https://www.go-fair.org/how-to-go-fair/fair-implementation-profile/ FIP Workshops https://osf.io/r2hzc/ FDP

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Rec. 2: Implement a model for FAIR digital objects

Rec. 3: develop components of a FAIR ecosystem | | | | https://www.go-fair.org/how-to-go-fair/fair-data-point/

GO FAIR Pioneer Program for Certification (nanopublication-based certificates) https://www.gofairfoundation.org/certification/pioneer-program/

GOing FAIR & DOing FAIR https://www.go-fair.org/today/fair-digital-framework/ Using nanopublications as FDOs in the FIP WizardFIP Wizard https://fip-wizard.ds-wizard.org FIP Workshops https://osf.io/r2hzc/ GO FAIR Pioneer Program for Certification FDO-based certificates https://www.gofairfoundation.org/certification/pioneer-program/ Erik Schultes is Chair the FDO Forum Working Group on "FIP and Practice" https://fairdo.org/wg/
The FAIR Funder: https://www.go-fair.org/today/FAIR-funder/   All elements are being developed via different pathways, using nanopublication as a common data exchange system (with FDO behaviors).The FAIR Funder pilot programme to make it easy for funders to require and for grantees to produce FAIR Data https://arxiv.org/abs/1902.11162 ZonMw COVID Program M4Ms https://www.zonmw.nl/en/research-and-results/infectious-diseases-and-antimicrobial-resistance/programmas/programme-detail/covid-19-programme/ & https://www.zonmw.nl/en/research-and-results/fair-data-and-data-management/3-creating-fair-data-tailored-to-covid-19/ DeiC M4Ms https://www.go-fair.org/2020/07/08/m4m-for-the-danish-e-infrastructure-cooperation/ & |

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Rec. 16: Apply FAIR broadly Rec. 17: Align and harmonise FAIR and Open				https://www.deic.dk/en/events/webinar-metadata_for_machines Wellcome Trust FAIRware Project (M4Ms) – Project terms now finalized, will go public in the next weeks Increasing use of nanopublication as an FDO: FIP Wizard (nanopublication-based) https://fip-wizard.ds-wizard.org GO FAIR Pioneer Program for Certification (nanopublication-based certificates) https://www.gofairfoundation.org/certification/pioneer-program/ Resources on the Open Science Framework M4M Workshops: Making it easy for humans to make metadata for machines https://osf.io/qe9fa/ M4M.5 & M4M.6 (DeiC) https://osf.io/rhvmq/ COVID Program M4M https://osf.io/fw7r4/ M4M.7-12 (ZonMW COVID Program) https://osf.io/bhzf8/ M4M.UVW https://osf.io/bsc7r/ FAIR Data Collective https://osf.io/8g46j/ & https://github.com/fair-data-collective/zonmw-project-content Diverse stakeholders adopting 3PFF... public (VODAN) and private (biotech companies, hospitals), funders (ZonMw, DeiC, Wellcome Trust FAIRware) and projects (EERAdata, Health-Holand, PARC). Also, broad-specturm request for GO FAIR Certifcation for training and technology. Active discussion, likely uptake of 3PFF and associated training in Dutch National Platform Open Science

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	data policy				
19 May Pillar 2: FAIR culture					
Rec. 4: Develop interoperability frameworks					Three-Point FAIRification Framework: has found widespread up take among stakeholders, including large EU projects and commitments from multiple national funding organizations. M4M workshops are now being requested and Dutch organizations (DTL, Health-RI, NPOS) are preparing for training-the-trianer and scaling to meet demand. Also interest in M4M and FIP from EC-level (including JRC). "How to GO FAIR" https://www.go-fair.org/how-to-go-fair/

		The FAIR Funder: https://www.go-fair.org/today/FAIR-funder/ All elements are being developed via different pathways, using nanopublication as a common data exchange system (with FDO behaviors).The FAIR Funder pilot programme to make it easy for funders to require and for grantees to produce FAIR Data https://arxiv.org/abs/1902.11162 FIP https://www.go-fair.org/how-to-go-fair/fair-implementation-profile/ FIP Workshops https://osf.io/r2hzc/
Rec. 5: Ensure data management via DMPs		
Rec. 6: recognise & reward FAIR data & stewardship		
Rec. 18: Cost data management		
Rec. 19: Select and prioritise FAIR digital objects		FIP Wizard (nanopublication-based FDOs) https://fip-wizard.ds-wizard.org (Note: this requires an account)GO FAIR Pioneer Program for Certification (nanopublication-based FDO certificates) https://www.gofairfoundation.org/certification/pioneer-program/
Rec. 20: Deposit in Trusted Digital		

	Reposito ries Rec. 21: Incentivi se reuse of FAIR outputs			Close association with national funding orgnaizations (ZonMw, DeiC, HRB, Wellcome Trust) in systemic deployment of 3PFF "How to GO FAIR" https://www.go-fair.org/how-to-go-fair/

20 May Pillar 3: FAIR Ecosystem				
FAIR ecosyste m (Pillar 3)	Rec. 7: support semantic technolo gies Rec. 8: Facilitate automat ed processi ng Rec. 9: Certify FAIR services		Need to bridget the gap to specialisation.	Metadata for Machines workshops. Example of onboarding with semantic technologies. 3PFF as a FAIRification framework with numerous examples of tech development (M4M tooling, FIP Wizard & Convergence Matrix, FAIR Data Point, nanopublication-FDO based) GO FAIR Pioneer Program for Certification (nanopublication-based FDO certificates) https://www.gofairfoundation.org/certification/pione er-program/ Session Proposal at SciDataCon https://docs.google.com/document/d/17gEjMPVML K7nWqS_uQ5jcaBe43sirSs_9VwQ7U86GTo/edit? usp=sharing
	Rec. 22: Use informati on held in DMPs Rec. 23: Develop compone nts to meet			

research needs	Rec. 24: Incentivise research infrastructures to support FAIR data		National roadmaps can be used to promote FAIRness of RIs, especially if FAIR data produced by a specific RI serve as one of the criteria of evaluation and inclusion into a roadmap.	Close association with national funding orgnaizations (ZonMw, DeiC, HRB, Wellcome Trust) in systemic deployment of 3PFF "How to GO FAIR" https://www.go-fair.org/how-to-go-fair/
18 May Pillar 4: Skills for FAIR			
Skills for FAIR (Pillar 4)	Rec. 10: Professionalise data science & stewardship roles	EOSC-A just launched Research careers and curricula Advisory Group also to connect with the different project already ongoing. The Task Forces within this Advisory Group focus on the training and skills agenda. Multiple stakeholder groups are addressed, specifically research communities, data stewards and national bodies. The TF Data stewardship curricula and career paths will build on activities to define data stewardship curricula to ensure these are recognised and aligned across Europe. Attention will also be paid to career paths to ensure appropriate recognition and	GO FAIR Pioneer Program for Certification (nanopublication-based FDO certificates) https://www.gofairfoundation.org/certification/pioneer-program/ GO FAIR now collaborating with Hogeschool Leiden to offer certified FAIR Training

Rec. 11: Implement curriculum frameworks and training	rewards for data management activities. The Task Force 'Research careers, recognition and credit' in parallel with the data stewardship will address incentives for researchers to manage and share their data, code and other research outputs. This will include criteria on Open Science and FAIR being part of selection and promotion criteria,funders and governments requiring examples of data/code sharing as part of assessmentexercises, or data prizes.		GO FAIR Pioneer Program for Certification (nanopublication-based FDO certificates) https://www.gofairfoundation.org/certification/pioneer-program/ GO FAIR now collaborating with Hogeschool Leiden to offer certified FAIR Training (== Rec. 10)
12 May Pillar 5: Incentives and metrics for FAIR data and services			
Incentives and metrics for FAIR data and services (Pillar 5)	Rec. 12: Develop metrics for FAIR digital output		The RDA/ReSA/FORCE11 FAIR for Research Software (FAIR4RS) WG is starting scoping work for a task force to develop metrics for FAIR software, organised by Michelle Barker, Neil Chue Hong, Matt Germonprez, Jen Harrow, Daniel Katz and Fotis Psomopoulos. This will be advertised through the RDA WG pages when it officially starts: https://www.rd-alliance.org/groups/fair-research-software-fair4rs-wg

Rec. 13: Develop metrics to certify FAIR services Rec. 25: Implement and monitor metrics Rec. 26: Support data citation and next generation metrics		The NISO JATS4R WG has set up a software citation subgroup to ensure that metadata to support software citation is accurately passed through the scholarly publishing infrastructure ecosystem. https://jats4r.org/current-subgroups/ - Melissa Harrison of eLife is chairing, with participation from Neil Chue Hong and Daniel Katz representing the FAIR4RS WG and FORCE11 Software Citation Implemention WG. This builds on the guidance published earlier this year on Software Citation: https://f1000research.com/articles/9-1257

21 May Pillar 6: Investment in FAIR

| Investment in FAIR (Pillar 6) | Rec. 14: Provide strategic and coordinated funding Rec. 15: provide sustainable funding | https://arxiv.org/abs/1902.11162 and https://www.go-fair.org/today/fair-funder/ |
| | Rec. 27: Open EOSC to all providers but ensure services are FAIR | GO FAIR Pioneer Program for Certification (nanopublication-based FDO certificates) https://www.gofairfoundation.org/certification/pioneer-program/ |