

ENIGMA: a network of trainees and trainers



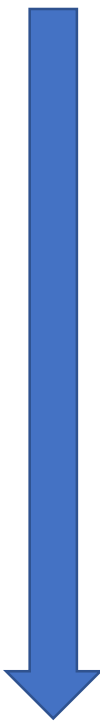
WP5 training: ULiege & UFZ

30/06/2018

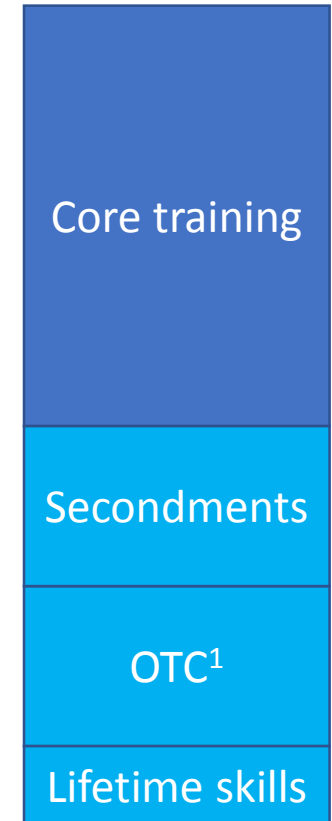
ENIGMA Cargese



Training content & progression



- **Core training**
 - In-situ imaging and modeling of complex media ; understanding of subsurface flow and transport dynamics ([Workshops, Summer School and phd courses](#))
- **Secondments**
 - Selected institutions/industry.
- **Lifetime skills and career plan**
 - ESRs career development.



Contribution from the academic and non-academic sector

¹ Optional training courses

Individual ESR progress monitoring¹

- At network scale, **through presentation of their work at each ENIGMA meetings** (every 6 month);
- **Progress reports** (months 12, 18, 24, 36, 42).;
- **A formal presentation by ESRs to the supervision committee**, composed by the members of the **TTC** and up to three external members from the **Advisory Board**, will be organized in the middle of their project (month 24).

¹ This ensures quality control on their professional development and delivery of stated training outputs within the aims of the ITN.

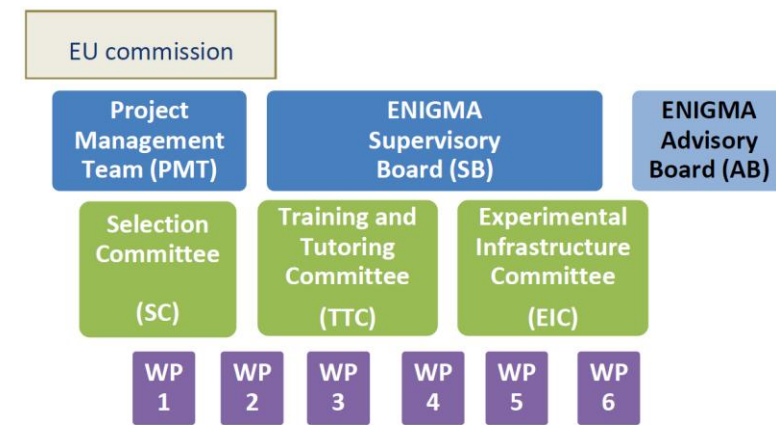
ESR monitoring: Personal Training and Career Development Plan

- **Why ?** : Monitoring ESR progress and professional development
- **Who ?** : The local supervisor and mentor will prepare a PTCDP in coordination with TTC
- **When ?** : The PTCDP plan will be updated on a yearly basis and summarized with objectives, milestones and deliverables (M12¹, M24¹, M40²).

¹ Training Needs Assessment Plan (UCPH)

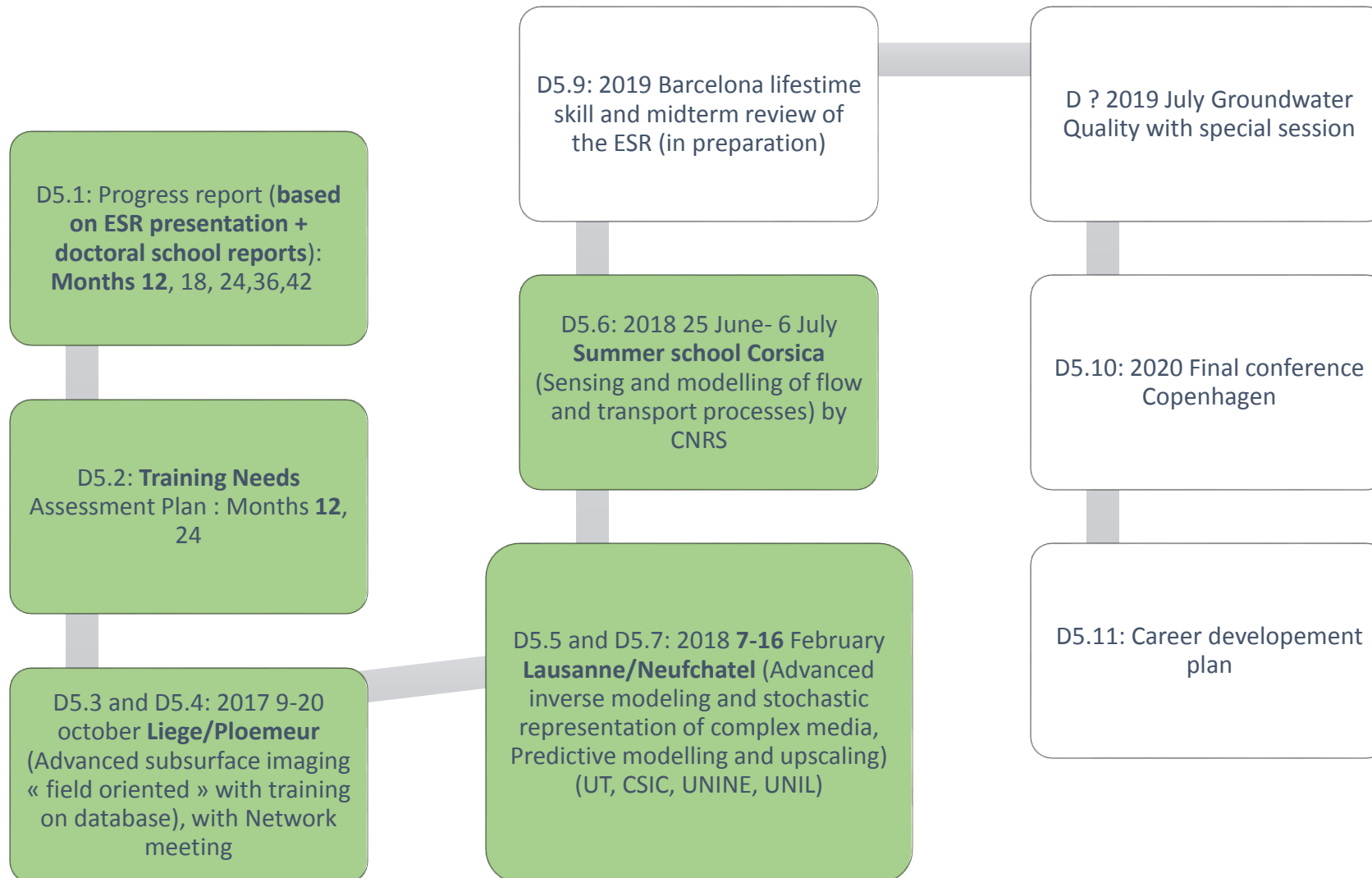
² Career Development Plan (ULg)

The trainers team (TTC)



1. ensures a continuous monitoring of the fellow's progresses and steer the fellow's tasks plan if required **by ESR supervisors, and Training and Tutoring Committee**
2. sets up and organize network wide training events, perform and summarize training needs assessment including the presence at key international conferences, evaluate progress and discuss them in the meetings **by workpackage leaders**
3. follows the **personal career development plan** for the trainees

Deliverables associated with the training



Secondments: total of 128 months (8.5/ESR)
spanning from M13 to M36

	1 to 6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42		
ESR 1								S	S	S	S	S									S	S	S	S					S	S									
ESR 2								S	S	S	S										S	S																	
ESR 3											S	S	S								S	S																	
ESR 4								S	S	S	S	S	S	S							S	S	S	S	S														
ESR 5								S	S	S	S															S	S												
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ESR 7								S	S	S																S	S	S											
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ESR 12								S	S	S	S	S	S								S	S	S	S	S	S													
ESR 13								S	S	S											S	S																	
ESR 14								S	S	S	S	S	S											S	S	S	S	S											
ESR 15								S	S	S	S														S	S	S	S											

Complementary expertise available in the network
Exposed to a broad spectrum of academic and professional approaches.
Duration of secondment is adapted to the need of each trainee

Lifetime skills training (3 ½ day in Barcelona)

- Allowing them to embrace a future career in the academic, commercial/industrial or non-commercial (policy, regulatory) sectors.
- See also Marco slides later on.
- **Date: 04/02/2019-07/02/2019** (Monday-Thursday noon)
- **“Lifetime Skills” workshop**
- **Duration:** 3 ½ days
- **Day 1-Day 2 morning:** Career development through competences
- **Day 2 afternoon:** Oral communication skills
- **Day 3:** Scientific writing and communication
- **Day 4 morning:** Entrepreneurship
- **Midterm meeting**

Thanks

Composition of the TTC



- The Training and Tutoring Committee TTC will consist in **8 persons from the SB (or Workshop leaders) including at least 3 women:**

1. **Frédéric Nguyen (by default as WP5 leader)**
2. **Jan Fleckenstein (by default WP5 leader)**
3. **Majken Looms (CPH)**
4. **Caroline Darcel (ITASCA)**
5. **Philip Brunner (UNINE)**
6. **Maria Pool (CSIC)**
7. **Olaf Cirpka (UT)**
8. **Damien Jougnot (CNRS)**
9. **Jan van der Kruk (FZJ)**

