EURAD
Knowledge Management Programme

Gunnar Buckau, Berlin, 3-4 December 2018
KM programme and PMO

Programme Management office (7% - 2.5 M€)

Collaborative RD&D (75%)

13.7 M€
RD&D not allocated budget
2nd wave

4.7 M€
4.6 M€
5.7 M€
3.7 M€
5.3 M€
5.1 M€
5.7 M€

CORI
FUTURE
SFC
DONUT
HITEC
ACED
GAS

13/10
2/5/8
5/5/10
4/5/8
10/2/6
5/5/8/C
7/3/9/C

Cement - Organics - Radionuclide Interactions
Fundamental Understanding of Radionuclide Retention
Spent Fuel characterization and Evolution Until Disposal
Development and Improvement of Numerical Methods and Tools for Modelling Coupled Processes
Influence of Temperature on Clay-based Material Behaviour
Assessment of chemical evolution of ILW and HLW disposal cells
Mechanistic understanding of Gas Transport in Clay Materials

Knowledge Management (8%)

1M€
not allocated budget for implementa-tion

1.6 M€
0.5 M€
0.6 M€

1/1/1/C
2/3/1/C
2/3/1/C

SoK
Guidance
Training & Mobility

KM State-of-Knowledge
Guidance
Training & Mobility

Strategic Studies (10%)

1.4 M€
1.7 M€
1.6 M€

Not allocated budget
8/11/9/C
12/12/11/C

UMAN
ROUTES

Uncertainty Management multi-Actor Network
Waste Management Routes in Europe from Cradle to Grave

IGD-TP EF8 3-4 December 2018
PMO provides three pillars for the KM Programme:

- Establish Competence Matrix
- Mapping of existing/available State-of-Knowledge, Guidance docs and Training/Mobility measures
- Identification of subject matter experts from the three Colleges
2,7 M€ for operating the KM programme by EURAD partners (organizing, coordinating, establishing the Knowledge Platform, ....)

WMOs: BGE, Andra, PURAM, SURAO
TSOs: CIEMAT, JSI, SSTC NRS, SURO
REs: HZDR, JRC, SCK.CEN

Remaining non-allocated budget allocated and called upon on a yearly basis for

Experts and meetings to
   Develop the technical content of the State-of-Knowledge,
   Guidance,
Implement Mobilities and Training courses,
   ....
The KM Programme

One Programme -
Organized in three workpackages
Interlinking with:

• Each other
• RD&D and Strategic Studies WPs ("Inter-EJP")
• Other KM Programmes (mainly for complementarity)
The KM Programme (« Inter-EJP » interactions)

- **Strategic Studies WPs**
  - Feed & update SoK
  - Report, assess & disseminate

- **KM Platform & SoK**
  - Needs of early stage and small programmes
  - Areas to assess
  - Documentation, dissemination
  - Use of SoK
  - Feedback
  - Application of Guidance

- **RD&D WPs**
  - Feed & update SoK
  - Report, assess & disseminate

- **Training & Mobilities**
  - Input for training, dissemination, documentation,
  - Define & request needs
  - Knowledge Transfer actions

- **Guidance**
  - Needs of early stage and small programmes
  - Areas to assess
  - Documentation, dissemination
  - Use of SoK
  - Feedback
  - Application of Guidance
The KM Programme also interacts with the Actors for up-dating (on-going as well as SRA and Roadmap), and General Assembly for approving outcome and next programme.
The KM Programme

One Programme organized and presented through three work packages:

- State-of-Knowledge: Panja Feuker / BGE
- Guidance: Dalibor Matějů / SÚRAO
- Training/Mobility: Christophe Bruggemann / SCK-CEN