



ETSON Groups

1 ETSON Expert Groups

1.1 Terms of Reference

In order to intensify the technical and scientific dialogue between the ETSON partner organisations and to organise joint projects, the General Assembly has decided to install expert groups in the main fields of competence of the ETSON partner organisations. The groups should in particular should

- exchange information on analyses and R&D to share experiences and to exchange technical and scientific opinions,
- exchange information on their technical nuclear safety practices and make proposals to harmonise them as far as practicable,
- contribute to the definition of nuclear safety research programmes in defining research needs in their fields of expertise,
- organise cooperation teams for joint projects in order to be prepared to quickly respond to requests from the project management units of the network
- keep each other informed about new developments in their fields of expertise and within their respective organisation,
- draft a technical annex for the networks' Safety Assessment Guide in line with the work programme for the establishment of the whole set of documents representing the guide.

The ETSON Expert groups consist of representatives of all ETSON partners. The lead will be taken by one member on the basis of agreement by the group.

The groups should elaborate a work programme for their activities at their constituent meetings and update it during the further cooperation. The groups should meet no less than once per year. Their exchange between meetings should be organised by e-mail.

The chairpersons of the groups provide the ETSON General Assembly with progress reports for its meetings.

1.2 ETSON Expert Groups Technical Issues

	Technical issue	Contact in ETSON partner Company	Ready to take the lead	Development of SAG ¹
1.	OEF, including Incident and Precursor Analysis	Bel V: Y. Van den Berghe or G. De Greef? GRS: M. Maqua IRSN: <u>R. Bertrand?</u> D. Watrelos? UJV: Z. Kriz VTT: K. Simola LEI: J. Augutis	X	X
2.	Mechanical Systems	Bel V: P. Briegleb GRS: <u>U. Jendrich</u> IRSN: UJV: V. Horak VTT: P. Kauppinen LEI: G. Dundulis	X	X
3.	Electrical Systems	Bel V: M. Dubois GRS: A. Lochthofen IRSN: UJV: J. Andel VTT: - LEI: -	Other than GRS	X

1 Development of the Safety Assessment Guide (SAG)

	Technical Issue	Contact in ETSO Partner Company	Ready to take the lead	Development of SAG
4.	Severe Accidents	Bel V: D. Gryffroy GRS: M.Sonnenkalb IRSN: <u>G. Cenerino</u> UJV: P. Vokac VTT: I. Lindholm LEI: E. Urbonavicius	X	X
5.	Environmental qualification	Bel V: <u>J. Verlaeken</u> (M. Dubois?) GRS: A. Voswinkel IRSN: M. Bouscasse UJV: V. Hnat VTT:- LEI: S. Rimkevicius	X	X
6.	Safety Fluid Systems, including auxiliary systems	Bel V: P. De Gelder GRS: W; Pointner IRSN: <u>P. Dupuy</u> UJV: - VTT: - LEI: A. Kaliatka	X	X
7.	Human and Organizational Factors	Bel V: Y. Van den Berghe GRS: W. Preischl IRSN: <u>J.-M. Rousseau</u> UJV: J. Holy VTT: L. Norros LEI: R. Alzbutas	X	2 different SAG X
8.	PSA	Bel V: D. Gryffroy GRS: M. Röwekamp, H. Loeffler (Level 2), IRSN: F. Corenwinder, E. Raimond (Level 2) UJV: M. Patrik VTT: J. E. Holmberg S. Vuori (level 3) LEI: R. Alzbutas	High priority for collaboration	No priority for SAG

	Technical Issue	Contact in ETSON Partner Company	Ready to take the lead	Development of SAG
9.	Lifetime-Management	Bel V: M. Dubois GRS: F. Michel IRSN: T. Payen? UJV: P. Kadecka VTT: P. Kauppinen LEI: G. Dundulis	High priority for collaboration	No priority for SAG
10.	Thermal Hydraulic Analyses (Transients, Accidents)	Bel V: J. Vlassenbroeck GRS: W. Pointner IRSN: O. Dubois UJV: M. Kyncl VTT: M. Hänninen LEI: A. Kaliatka	?	X
11.	Safety concepts, Defence-in-Depth	Bel V: P. De Gelder GRS: M. Mertins IRSN: J. Couturier? UJV: J. Misak VTT: T. Vanttola LEI: S. Rimkevicius	X High priority for collaboration	No priority for SAG
12.	Core behaviour (operational and accident conditions)	Bel V: N. Hollasky? O. Smidts? GRS: H.-G. Sonnenburg IRSN: UJV: - VTT: A. Daavittila LEI: R. Pabarcus	X?	X

Annex: Example for Technical Annex: Severe Accidents

For VTT the items #4, #9, #10 and #12 seem to have highest importance

2. ETSON Project Initiation Group (PING)

2.1 Terms of Reference

The aim of the ETSON Project Initiation Group (PING) is to support the establishment of ETSON as an international provider of nuclear safety and security services.

It should foster and improve the ability of the ETSON members to offer and manage projects in a consortium with combined resources and know-how.

The main objectives of ETSON PING are

- to establish a common project consortium agreement
- to coordinate the acquisition and initiate projects
- to offer the ETSON resources to the market
- to organize the composition of joint project teams
- to support the members with additional resources and coordination services
- to initiate contract and project planning
- to establish standard documents, procedures and processes (lessons learned, best practises)

The ETSON Project management Expert groups consist of representatives of all ETSON partners. The lead will be taken by one member on the basis of agreement by the group.

The group should elaborate a work programme and statement of services for their activities at their constituent meetings and update it during the further cooperation.

Quarterly meetings are planned; the exchange between meetings should be organised by e-mail.

The chairperson of the ETSON PING provides the ETSON General Assembly with progress reports on its meetings.

2.2 ETSON Project Initiation Group (PING) Members

Contact	Organization	Status
Benoît De Boeck	Bel V	Member
Carla Eibl-Schwaeger	GRS	Chair
Denis Flory	IRSN	Member
Eugenijus Uspuras	LEI	Member
Zdenek Kriz	UJV	Member
Seppo Vuori	VTT	Member