

## General information

- CEA Tech – **LIST Institute** – located in Saclay site
- **746 people** (research engineer, technicians, PhD students)
- Research developments: **sensor, algorithms, software and systems...especially for managing the CBRN threat**
- Strong **industrial partnerships** with reference partners, including the nuclear and security field (AREVA, EDF, MIRION, BERTIN, NUVIA,...)

## Contact

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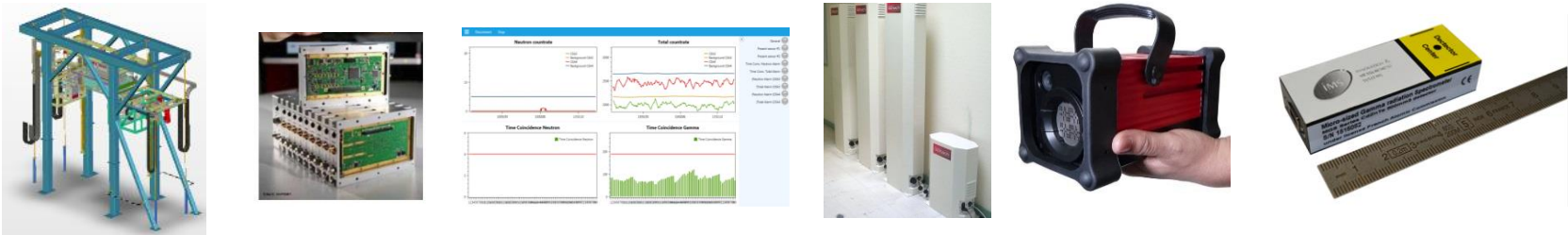


## Competencies

- Long experience** in coordinating European projects (from FP6 EURITRACK – 2004 to H2020 C-BORD – 2015)

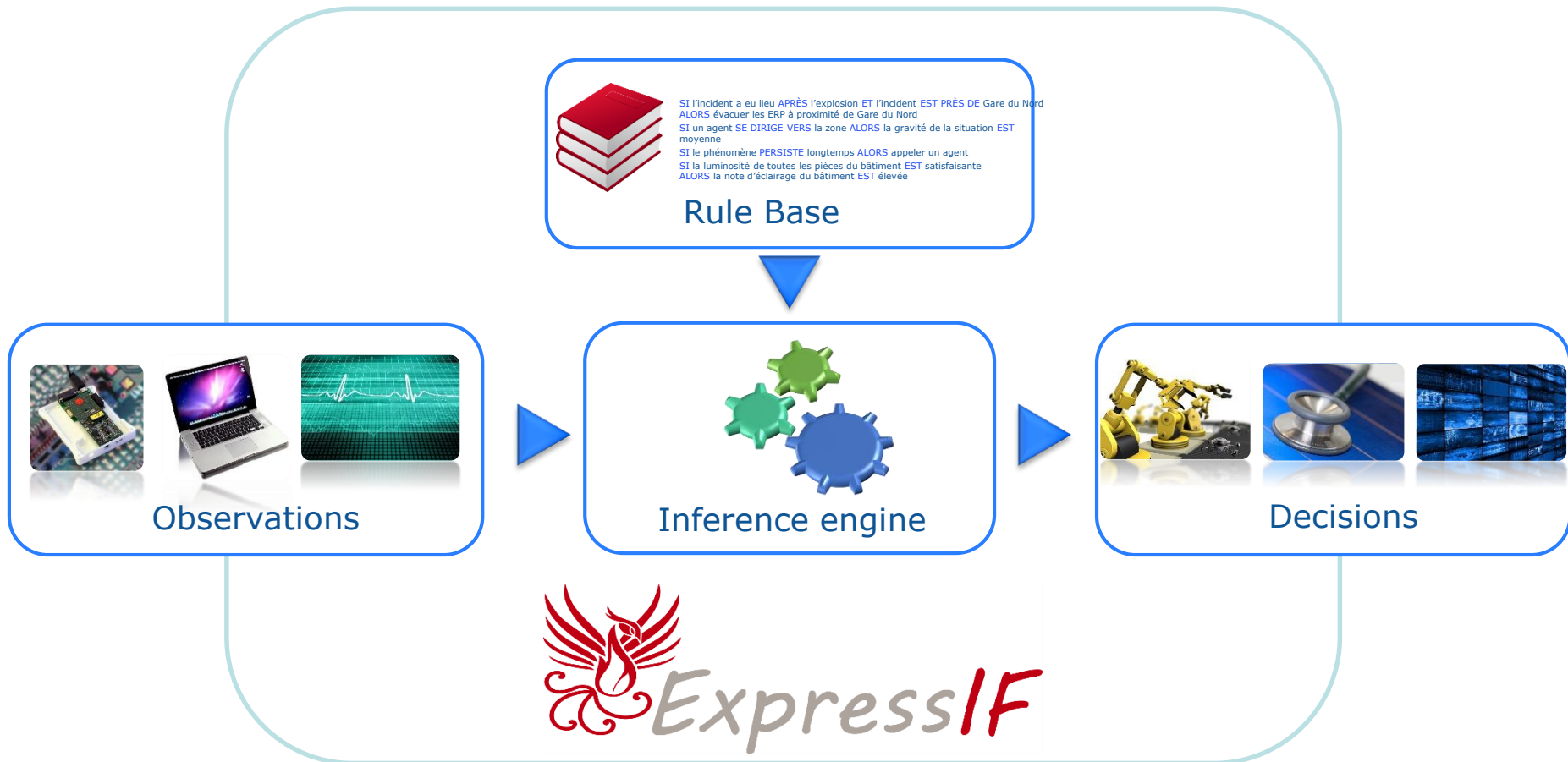


- Strong skills** in developing innovative **CBRN sensors and systems...with a purpose of industrialization**



# Competencies

- Strong skills in Artificial Reasoning and Explainable AI**



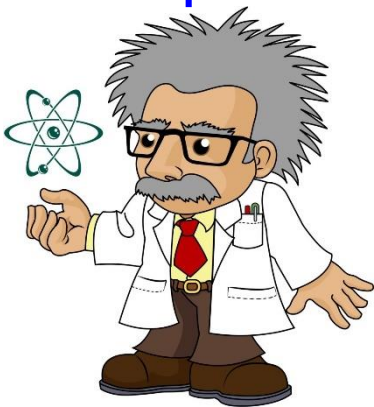
# Competencies

- Strong skills in Artificial Reasoning and Explainable AI**



SI l'incident a eu lieu APRÈS l'explosion ET l'incident EST PRÈS DE Gare du Nord  
ALORS évacuer les ERP à proximité de Gare du Nord  
SI un agent SE DIRIGE VERS la zone ALORS la gravité de la situation EST moyenne  
SI le phénomène PERSISTE longtemps ALORS appeler un agent  
SI la luminosité de toutes les pièces du bâtiment EST satisfaisante  
ALORS la note d'éclairage du bâtiment EST élevée

Rule base

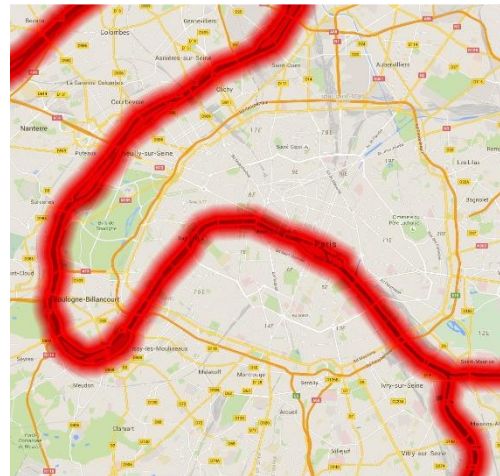
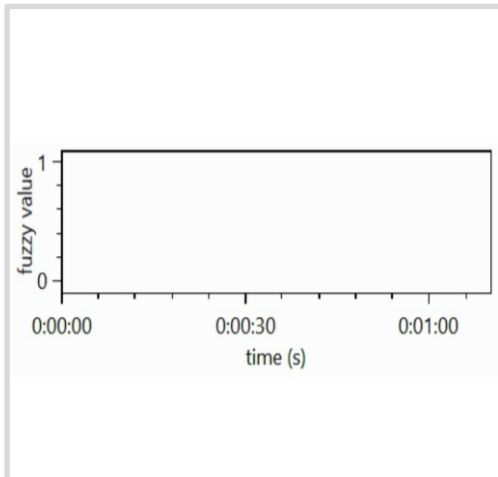
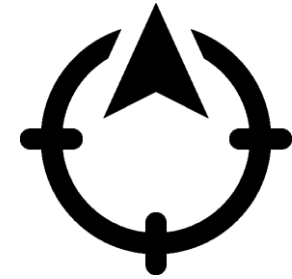
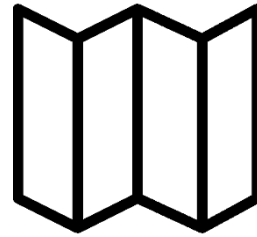


	A	B	C	D	E	F
43	semaine 42	567 €	824 €	824 €	433 €	567 €
44	semaine 43	190 €	824 €	435 €	824 €	190 €
45	semaine 44	824 €	981 €	190 €	199 €	824 €
46	semaine 45	433 €	981 €	126 €	435 €	433 €
47	semaine 46	199 €	189 €	126 €	190 €	199 €
48	semaine 47	190 €	199 €	278 €	126 €	190 €
49	semaine 48	824 €	678 €	678 €	126 €	824 €
50	semaine 49	199 €	433 €	824 €	278 €	199 €
51	semaine 50	199 €	981 €	435 €	678 €	199 €
52	semaine 51	126 €	987 €	190 €	824 €	126 €
53	semaine 52	190 €	479 €	126 €	824 €	190 €
54						



# Competencies

- Strong skills in Artificial Reasoning and Explainable AI***



# Targeted topics

Calls	Type of action	TRL outcome	Deadline	Année	EU contribution/ project	Budget 2018	Budget 2019
<b>SU-INFRA01-2018:</b> Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe	IA	7	23/08/2018	2018	7 to 8 M€	24M€ 3 projets	
<b>SU-INFRA01-2019:</b> Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe	IA	7	22/08/2019	2019	7 to 8 M€		22M€ 3 projets
<b>SU-INFRA02-2019:</b> Security for smart and safe cities, including for public spaces	IA	7	22/08/2019	2019	8 M€		16M€ 2 projets
<b>SU-DRS03-2018-2019-2020:</b> Pre-normative research and demonstration for disasterresilient societies <b>Sub-topic 2: [2019]</b> Pre-standardisation in CBRN-E crisis management	IA	6 to 7	22/08/2019	2019	6 M€		6 M€ 1 seul projet financé
<b>SU-DRS04-2019-2020:</b> Chemical, biological, radiological and nuclear (CBRN) cluster	RIA	4 to 8	22/08/2019	2019	3,5 M€		10, M€ 3 projets financés
<b>SU-FCT03-2019:</b> Information and data stream management to fight against (cyber)crime and terrorism	IA	5 to 7	22/08/2019	2019	8 M€		8 M€ 1 seul projet financé
<b>SU-BES02-2018-2019-2020:</b> Technologies to enhance border and external security <b>Sub-topic 4: [2019]</b> Detecting threats in the stream of commerce without disrupting business	RIA	4 to 6	22/08/2019	2019	7 M€		21 M€
<b>SU-DRS03-2018-2019-2020:</b> Pre-normative research and demonstration for disasterresilient societies <b>Sub-topic 1: [2018]</b> Pre-standardisation for the security of water supply	IA	6 to 7	23/08/2018	2018	6 M€	6 M€ 1 seul projet financé	
<b>SU-FCT03-2018:</b> Information and data stream management to fight against (cyber)crime and terrorism	IA	5 to 7	23/08/2018	2018	8 M€	8 M€ 1 seul projet financé	
<b>SU-DS04-2018:</b> Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks	IA	7	23/08/2018	2018	6 to 8 M€	20 M€	