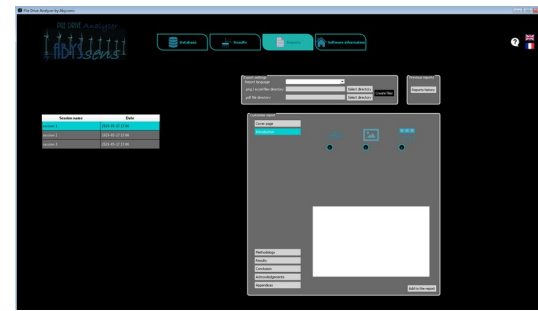
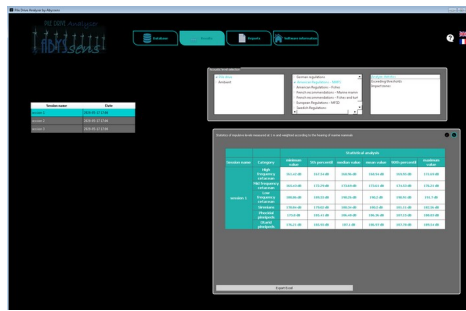
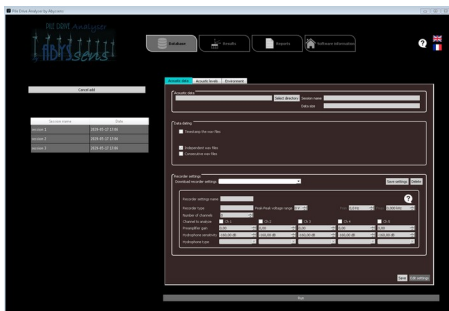


Ensure environmental compliance easily and in full autonomy

During sea works, like pile driving, high acoustic levels are generated with an impact on marine fauna. To address this issue, several regulations were enforced.

Sea Works Acoustics Analyser

The acoustics post processing analysis and automatic regulatory report publishing software
No acoustics knowledge needed



Acoustics analysis

Ambient noise analysis

- ✓ ANL statistical analysis
- ✓ Third octave bands spectrum computation

Impulsive noise analysis

- ✓ Source and cumulative levels statistical analysis
- ✓ Regulatory thresholds exceedings computation
- ✓ Impact areas assessment

Assessment in agreement with the following regulations

- ✓ European recommendations (MSFD)
- ✓ French recommendations
- ✓ American regulations (NMFS)
- ✓ German regulations
- ✓ Swedish regulations

Post processing analysis

Any kind of recorder, multi channel, multi sessions, transmission losses computing

Watching results

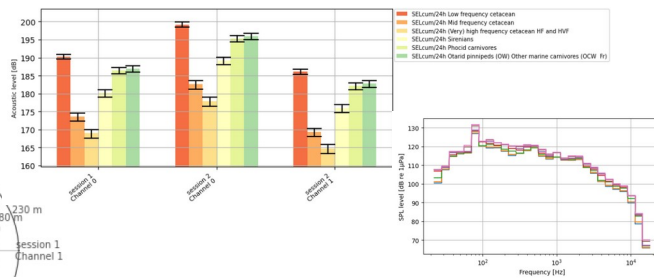
Easy and quick access

Automatic and customisable PDF report publishing

Sessions comparison, regulatory synthesis

Local results archiving

Works history, Reports republishing, comparing with previous analysis



Session	Ch.	Regulations																	
		Ge.			Usa.m						Usa.f								
		P	K	F	LF	MF	HF	PW	OW	high 2g	low 2g								
session 1	Ch. 1	✓	✓	✓	X	X	X	X	X	X	X	7dB 100% 35m	10dB 100% 4m	14dB 100% 77m	2dB 100% 18m	15dB 100% 2m	10dB 100% 48m	14dB 100% 78m	
		✓	✓	✓	X	X	X	X	X	X	X	15dB 100% 98m	10dB 100% 12m	8dB 100% 3m	23dB 100% 216m	11dB 100% 51m	5dB 100% 3m	4dB 100% 2m	19dB 100% 135m
session 2	Ch. 1	✓	✓	✓	X	X	X	X	X	X	X	3dB 100% 22m	14dB 100% 3m	10dB 100% 47m	2dB 100% 11m	19dB 100% 2m	5dB 100% 25m	10dB 100% 47m	10dB 100% 47m
		✓	✓	✓	X	X	X	X	X	X	X								

Use cases: Pile driving works :

Off-shore wind turbine setup, port developments

Windows compliant

Annual software licence – update and maintenance included