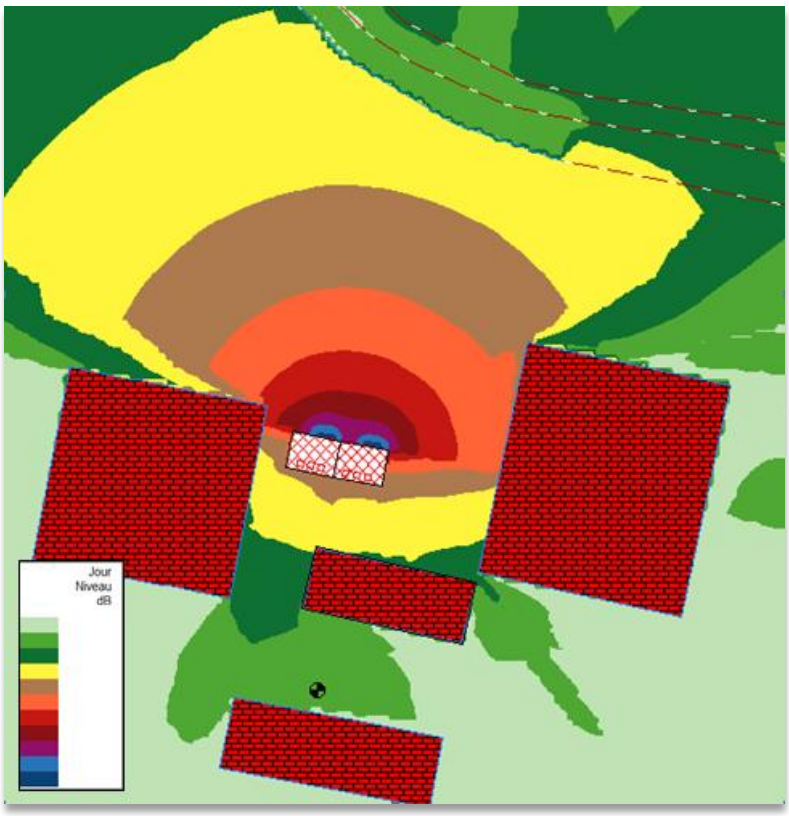
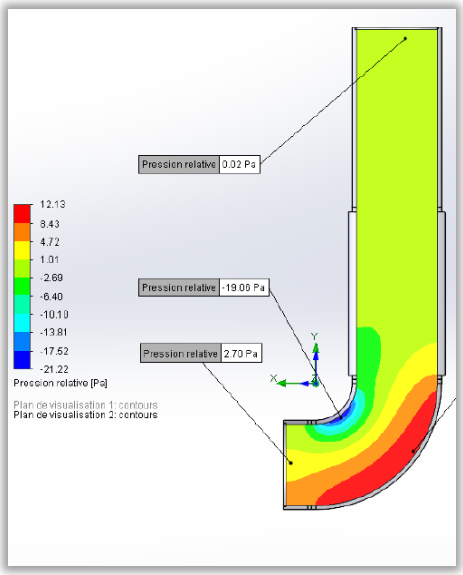
REFERENCE PROJET

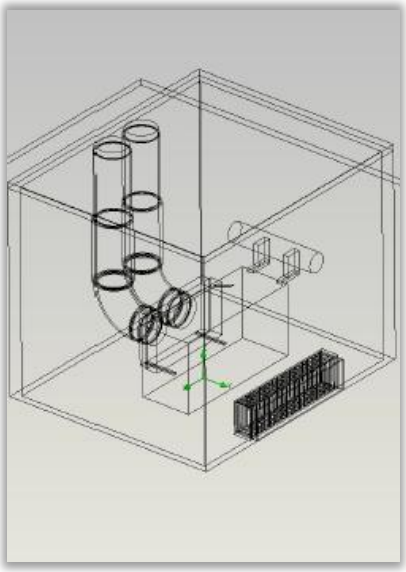
dB Vib INGENIERIE

ENEDIS

Year	2017
Place	VIENNE - 38 - France
Sector	Energy
Field	Design
Type	Thermal ventilation design
Price	1k€ 10k€ 100k€ 1M€







ENEDIS Vienne wanted to move the transformer stations of the Ampère site (69) and place them in closed explosion-proof cells. As several movement and replacement choices were possible, our sister company **dB Vib Consulting** was contacted to e**valuate the noise related constraints in relation to the regulations.** ENEDIS requested measurements of the background noise, mapping of the future condition, and recommendations for the **acoustic treatments**. By performing finite element calculations in maximum working conditions, **dB Vib Ingénierie sized the noise traps and calculated the pressure losses in the future configuration**. All the parameters were taken into account to define a new operating point for the fans. The optimisation was performed according to 2 criteria: **limitation of noise emissions and pressure losses**.

dB Vib is working with ENEDIS in the validation of the new operating conditions so that operation according to its standards can be guaranteed.

dB Vib Ingénierie
Montée de Malissol - 38200 - VIENNE -FRANCE
Tél : +0033 4 74 16 28 80 - Fax: +0033 4 74 16 28 89
Email: contact.ingenierie@dbvib.com