

INDUSTRIAL SILENCE

THE SCIENCE OF SILENCE



www.sai-acoustique.fr

INTRODUCING SAI

- SAI is a World Leading Company focused in the field of Acoustic Products supply for the Energy (Gas Turbine or Diesel Power Stations) and for the Industry (Industrial Installations , Airplane Engines, Chemical,...) existing for more than 30 years, making Studies, Manufacture and Erection.
- SAI with its subsidiaries represent more than 250 employees with headquarters located in Massy, France.
- SAI Massy is an Engineering Company located in Paris with 60 qualified employees, specialized in Acoustics, Mechanical, Structural, Air Flow Calculations , Metallurgy. as well as Projects Management with Operation Activities and Schedule Leading
- SAI France has growth for 10 years and has now 5 subsidiaries :
 - > 1999, creation of AIP, a workshop located in the South of Paris with 50 People
 - > 2001, SAI Gmbh in Germany , a commercial and operational subsidiary with 4 employees
 - > 2005, SAI ATIS Sro in Tchechia with 3 employees
 - > 2006, SAI Suzhou Co in China, with 2 factories and 80 employees
 - 2008 , SLF a workshop in western of France , 40 people
 - And a network of qualified suppliers in Europe and Middle East
 - SAI is right now establishing a subsidiary in Soudi Arabia (2010)
- SAI product range is : Outdoor and Indoor Ventilated Noise Enclosures, (in accordance with the European ATEX rules) , Complete Inlet and Exhaust System for Gas Turbine, Test Bench Facilities for Combustion Engines, Discharge Silencers, Oil Mist Eliminator,...

Science of silence



AIP WORKSHOP (France)



S.A.I WORLDWIDE



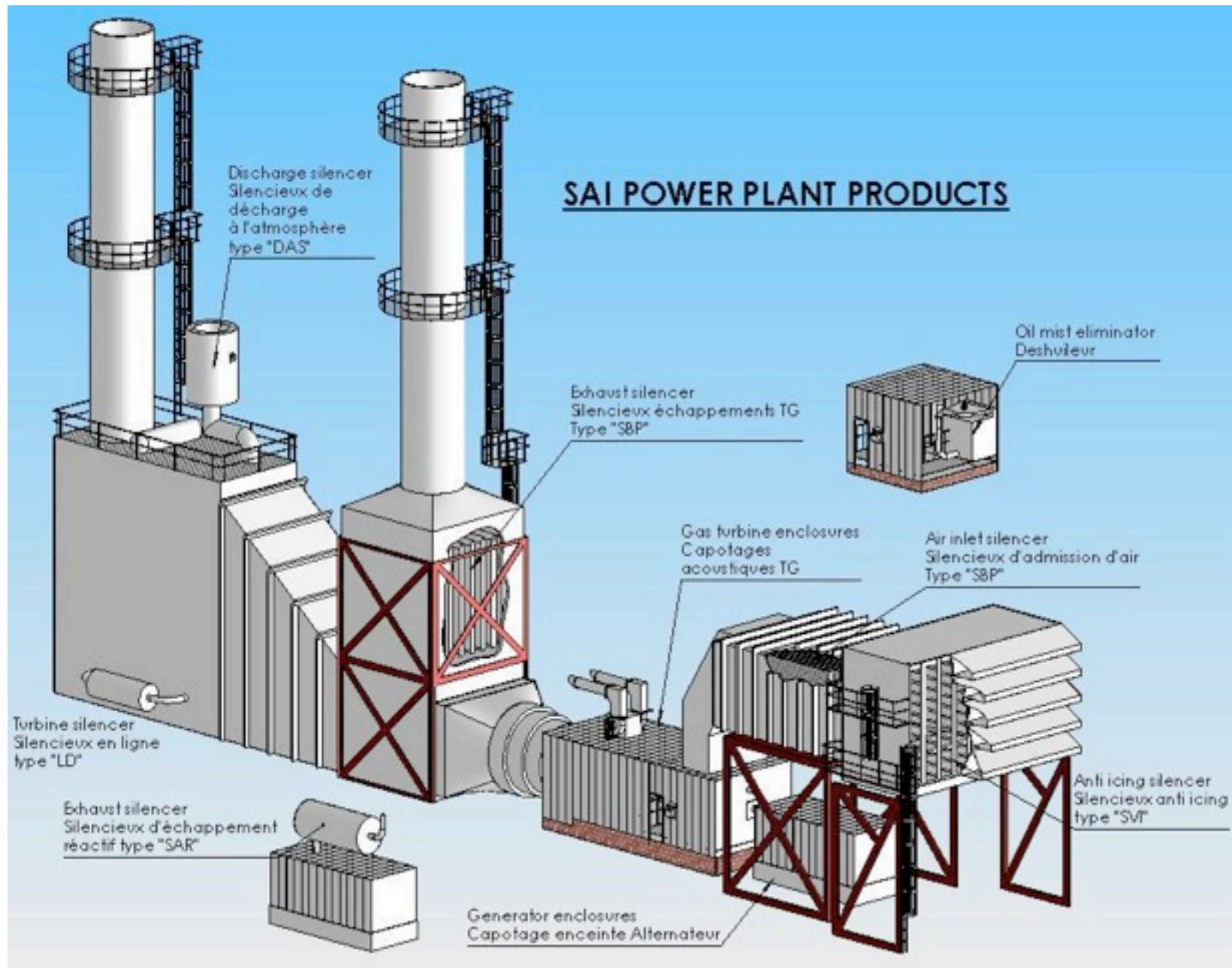


SUZHOU SAI in Wujiang



S.A.I WORLDWIDE

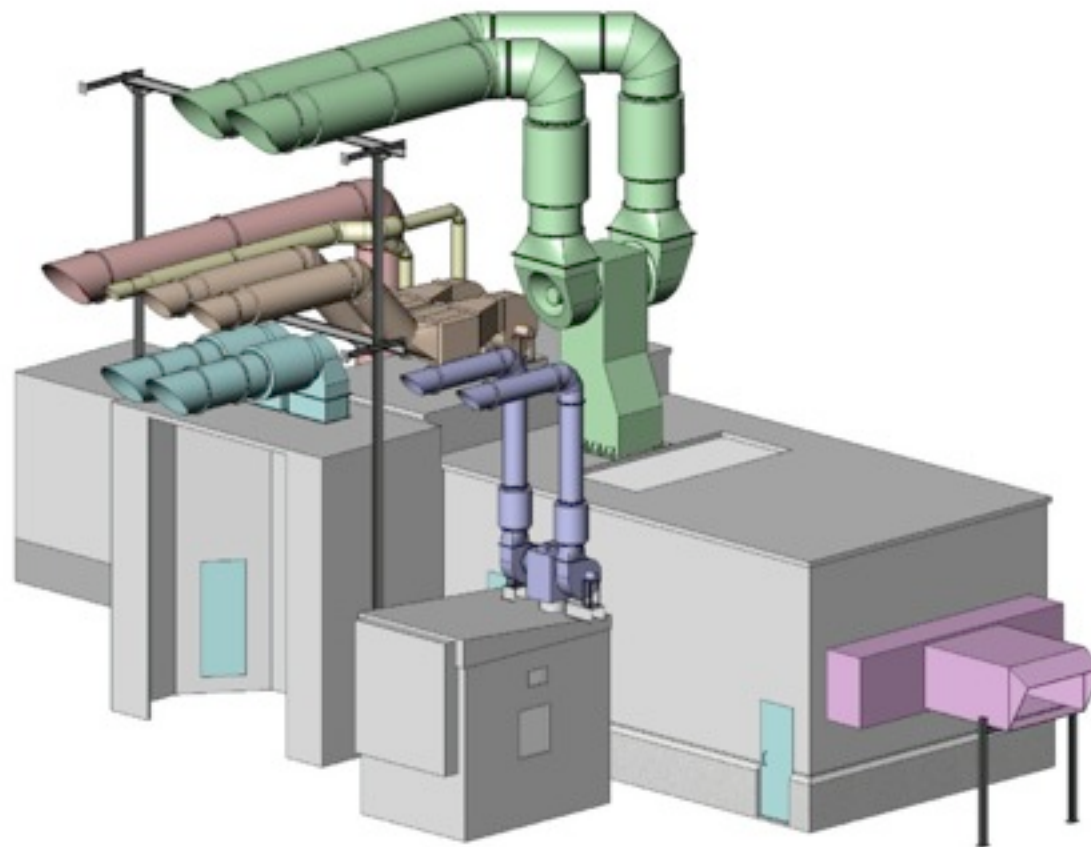




S.A.I IN THE POWER INDUSTRY



Noise enclosure with ventilation typical sketch



OUR MAIN PRODUCTS





Indoor enclosure with ventilation (Turkey)

TS





GE US
9 FB
Gas Turbine
Enclosure
for Simeri
Crichi (Italy)
Trial erection
at workshop
AIP
Angerville
France

TS
I





Gas Turbine Retrofit on site in England: modification according to ATEX Rules and erection



OUR MAIN PRODUCTS





Gas Turbine Retrofit on site : modification and erection



OUR MAIN PRODUCTS

Barranco
Spain
2
6 FA
Generator
Enclosure
for
Alstom
and GT
Noise
Enclosure
for
GE





Oil Mist Eliminators at workshop AIP



OUR MAIN PRODUCTS





Air Inlet System for Boiler Post Treatment



OUR MAIN PRODUCTS





Exhaust Stack for Gas Turbine for LM 2500 for Military Fregates (12 Units)



OUR MAIN PRODUCTS





Exhaust system erection for Solar Gas Turbine in Spain (+ 20 units)



OUR MAIN PRODUCTS



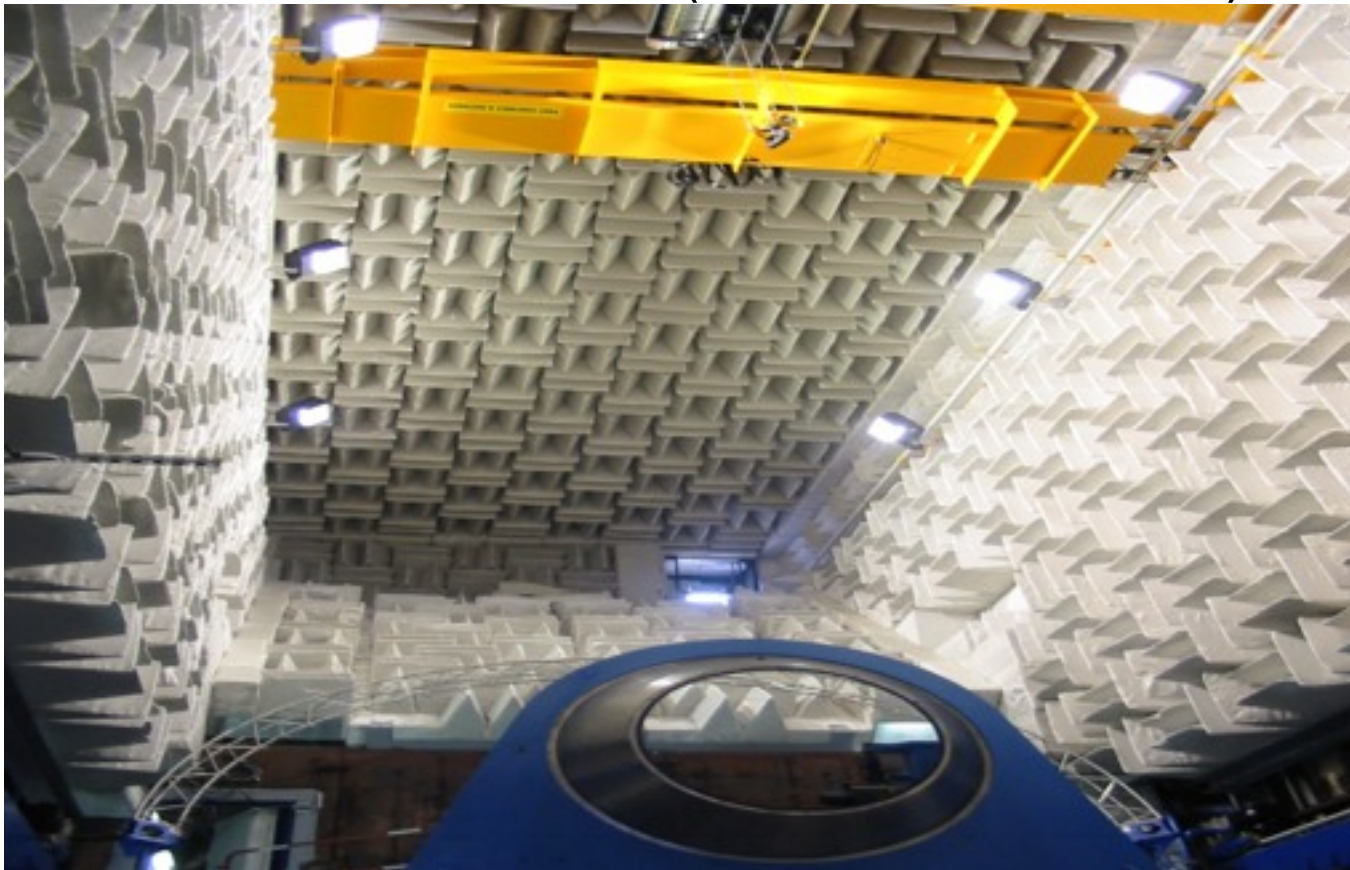
Exhaust Stack for Frame 9 Gas Turbine



OUR MAIN PRODUCTS



Aircraft Test Bench (several references)



OUR MAIN PRODUCTS





Test Bench Facilities for Extremely Noisy Jet Engines

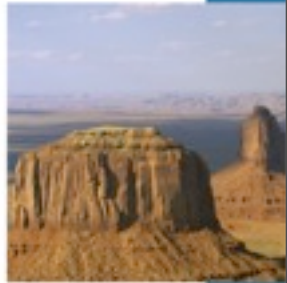


OUR MAIN PRODUCTS



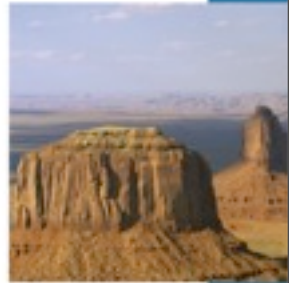
■ DESIGN CAPABILITIES :

- Various drawing softwares: Autocad 2D and 3D, Solidworks (3D), Topbend (3D)
- Structural calculation softwares: Melody (2D), Eiffel (3D), Robot (3D), Staadpro (3D)
- CFD calculation Cosmos Flowworks
- Outsourced CFD calculation: Fluent
- Acoustical softwares for silencer calculations (parallel baffles, reactive silencers, noise propagation,...)



■ REFERENCES :

- More than 450 Noise Enclosures for 50 to 250 MW Gas Turbine for Alstom, GE, Solar, Siemens, provided all over the world
- Over 170 Noise Enclosures for Generator
- Over 650 Oil Mist Eliminator
- Over 4000 Silencers all types
- Over 30 complete Air Inlet and Exhaust Systems including erection on site in Europe (France, Spain, Germany, Tchechia...)
- Over 10 Test Bench Facilities for Aircraft Engines



Over 250 experts ready to assist you

France - Siège social :
S.A.I - Société d'Acoustique Industrielle

1 rue du Saule Trapu
Parc d'Activité du Moulin de Massy - BP 236
91882 MASSY CEDEX
Tél. : 33 (0)1 69 30 90 10
Fax : 33 (0)1 69 30 89 21
E-mail : commercial@sai-acoustique.fr
Web site : www.sai-acoustique.fr

France - Usine :
A.I.P - Acoustique Industrielle Production

11 rue du Bois de la Fontaine
Z.I. Les Terres Noires
91670 ANGERVILLE
Tél. : 33 (0)1 69 30 90 10
E-mail : commercial@sai-acoustique.fr

Allemagne :
S.A.I Gmbh

Augustaanlage 57
D-68165 MANNHEIM
Tél. : 49 (0) 621 481 007 - 0
Fax : 49 (0) 621 481 007 - 29
E-mail : info@sai-gmbh.de
Web site : www.sai-gmbh.de

République Tchèque :
S.A.I ATIS s.r.o.

Zelezárenská 2842
272 01 KLADNO
Tél. : +420 312 245 696
Fax : +420 312 245 697
E-mail : info@sai-atis.cz
Web site : www.sai-atis.cz

Chine :
SUZHOU - Société d'Acoustique Industrielle Co., Ltd

N°199, Fuxian Road of Roadway 227,
Wujiang, Jiangsu
Postcode : 215200
Tél. : 0086 512 63808999
Fax : 0086 512 63497878
E-mail : commercial@sai-acoustique.cn
Web site : www.sai-acoustique.cn



www.sai-acoustique.fr

