

The « Société d'Ingénierie NATURE & TECHNIQUE (S.I.N.T.) » is an engineering company which specialises in environmental and wastewater engineering.

Since the creation of S.I.N.T., in 1991, we have been developing various fields of competence:

- **Design of wastewater treatment plants with reed bed filters: "Phragmifilter®",** innovative technology developed by the Cemagref research institute (the French national research institute in the field of agricultural and environmental engineering). SINT have been granted exclusive commercial development rights.



Phragmifilter® Wastewater treatment plant of Roussillon (84) – 1200 p.e. –

- Design of wastewater treatment plant with ponds, sand filters or other natural technologies ;
- Very small treatment plants (5 to 20 p.e.) with reed bed filters: "Autoépur®" process ;

- **Sewage sludge treatment with reed beds :**
"Phragmicompostage®" process ;



SIA du Pays d'Albon (26) – 13 000 p.e. - Phragmicompostage® sewage sludge treatment plant

- Treatment of specific effluents (dairy, winery, industrial and food processing...);
- **Storm water management ;**



Neydens (74) – storm water retention and treatment

- Environmental impact studies and discharge demands.

Our projects are based on technologies closed to natural cycles. Suggested solutions are efficient, easy to maintain, and competitive in terms of operation and investment costs.



Queige (73) – 500 p.e. – Phragmifilter® wastewater treatment plant

We have solid experience in terms of design and maintenance of our water treatment plants : more than 350 Phragmifilters® are in operation.

With a European dimension, SINT works in cooperation with similar or complementary civil engineering companies in Great-Britain, Greece, Switzerland and Germany.

SINT is also involved in research on wastewater treatment with wetland systems, joint research projects have been conducted and are planned with Cemagref and University of Savoy.

We assume permanent technology monitoring and participate actively in professional associations, networks and working-groups : GRAIE, IWA, French and German specialist groups.

SINT is in two agencies : Montromant, to the west of Lyons and Aix-les-Bains, in the Savoy region at the foot of the French alps.

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