

A large, faint, light grey stylized flower or star shape with eight petals, centered on the page. A thin grey circle is also centered, with four colored dots (blue, red, yellow, and grey) at the top, bottom, left, and right positions.

NOVEKA BOOK 2020





CARLINE HOLDING

Adrien BROZEK
Gérant / CEO

Suzanne BROZEK
DAF



ACTIMODUL

Adrien BROZEK
Directeur Général /
CEO



NOVEKA
INGENIERIE | BATIMENT | GENIE CIVIL

Adrien BROZEK
*Ingénieur - Gérant /
Engineer CEO*

J-M. CHEVROT
*Projecteur technicien /
Designer*

A. RUDE
*Ingénieur Etudes /
Engineer*

T. DE LA FUENTE
*Ingénieur -
Responsable Technique /
Engineer*

NOVEKA is an engineering office that specialises in **civil engineering, commercial / industrial buildings.**

Our engineering office is organised in 3 specialised activities :

- STRUCTURE STUDY
 - DIAGNOSTICS
 - R&D (research & development)
- MULTIMATERIALS
STEEL / CONCRETE / WOOD

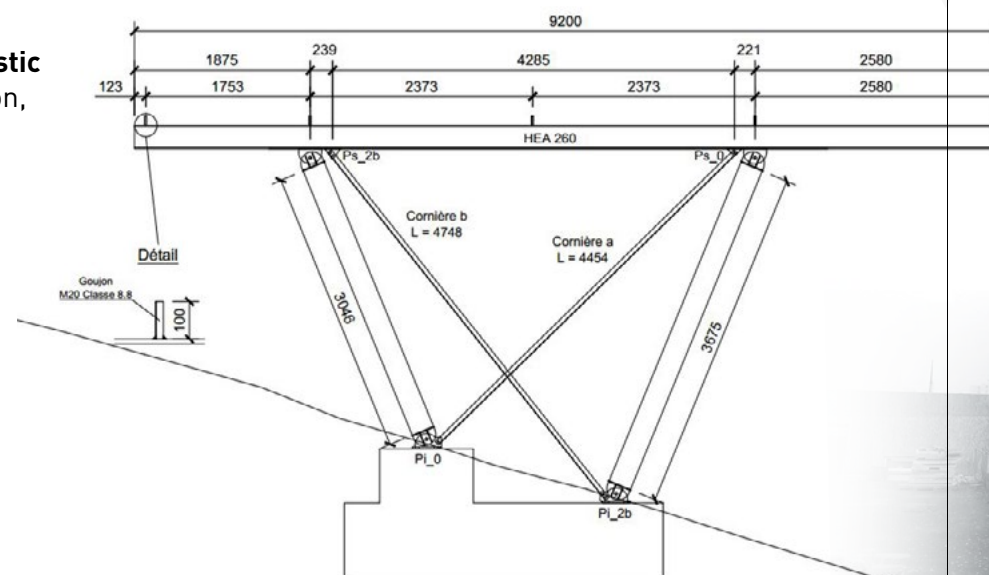
NOVEKA was born from the **union of skills of structural calculation, project management and site methods.**

This triple competence thereby makes it possible to achieve « **turnkey** » missions with a very large **responsiveness** and **adaptability**.

Adrien BROZEK, the founding manager trained as a Structural Engineer, doubled with experience in building structural art. It is this **pragmatic expertise** of projects that is **put at your service by our team of Engineers and Technicians.**

NOVEKA intervenes on:

- **New constructions**
- **Existing structures**, with **diagnostic** missions, **expertise**, rehabilitation, repair and project management.



ACTIMODUL is a company that designs and manufactures modular and off-site buildings. It has an internal engineering department which allows it to design custom constructions and then to manufacture them entirely within its manufacturing workshops, while respecting industrialised processes using selected and approved raw materials

ACTIMODUL generates € 5.5 million in turnover with around thirty persons. The factory is situated South of Lyon in Chavanay.

ACTIMODUL developed a new range called "**PERFORMANCE**" in 2019, whose strengths are the following:

- Large spans without an intermediary post: between 8 and 12m
- Hot roof with EPDM membrane: no risk of condensation + reliability + durability
- Optimised and under technical notice fire behavior
- Reinforced air tightness
- Possibility of making wooden frame walls
- Possibility of making 2 or 4-sided roofs, as well as glazed domes

ACTIMODUL also benefits from good technical expertise regarding the production of 3D prefabricated buildings:

- Anchored at the edge of the beach under seismic stress
- Installed at altitude in the mountains on steep + seismic slopes

Adrien BROZEK, Managing director for over a year at ACTIMODUL intervenes firstly in the structure of the company, he has a transversal role through the whole chain, he also brings all of his experience and expertise in the technical, commercial, managerial, DATA and architecture domains.

ACTIMODUL works on:

- **Extension** of existing buildings
- **New modular constructions**
- **Reorientation** of existing modular building
- **Roof elevation**
- **Adjoining the traditional ERP-ERT system**

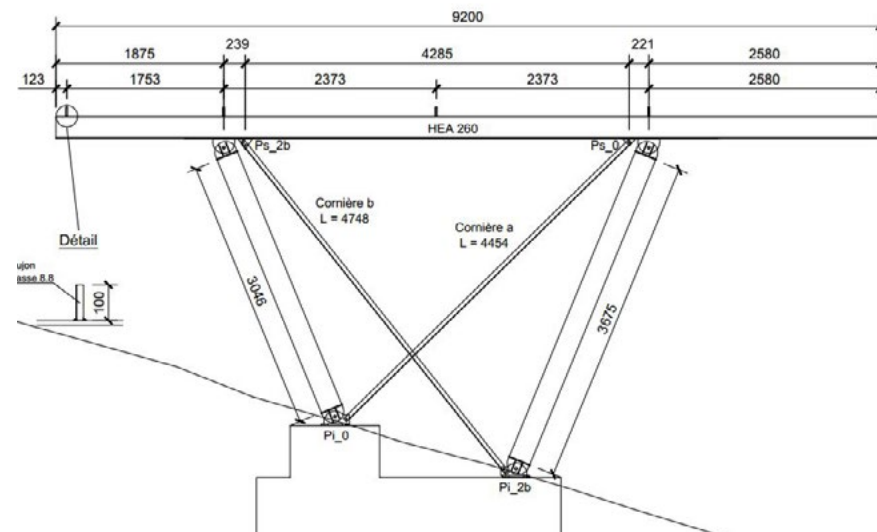
► SP ARCHITECTE

- MOA : Mr et Mme BOGNAR
 - MŒ : SP Architecte
 - LIEU : Saint Didier au Mt d'Or - 69
 - TYPE DE MISSION : Etudes EXE
 - MATERIAUX : Métal + Béton armé
 - EN UN MOT : Villa sur pilotis
 - EXISTANT OU NEUF : Neuf
- CONTRACTING AUTHORITY: Mr et Mme BOGNAR
 - FOLLOWED BY CONSTRUCTION: SP Architecte
 - PLACE: Saint Didier au Mt d'Or - 69
 - TYPE OF MISSION: Execution studies
 - MATERIALS: Reinforced metal and concrete
 - IN A WORD: House on stilts
 - EXISTING or NEW: New

Piloti P2 - C



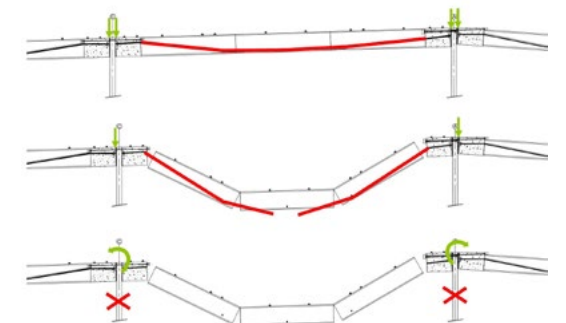
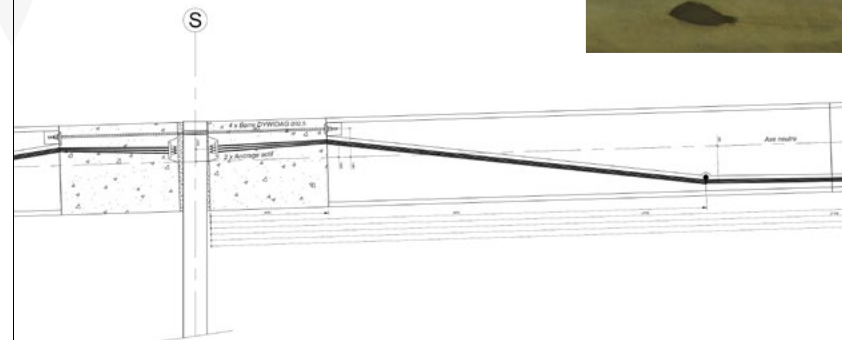
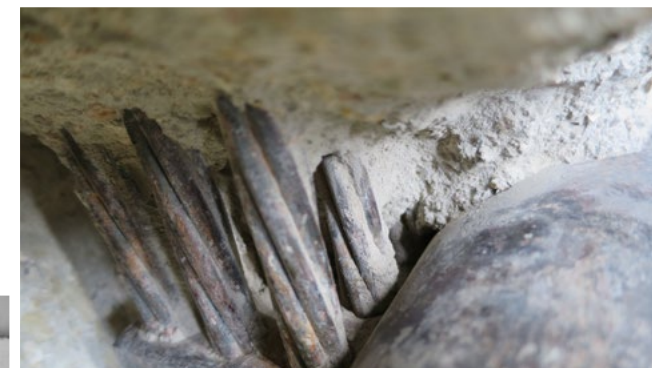
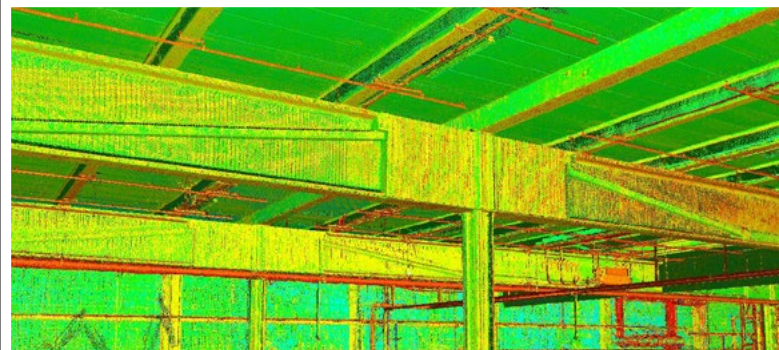
Piloti P3 - D



OPTIMISATION : PILOTIS / STILTS

► BAYER

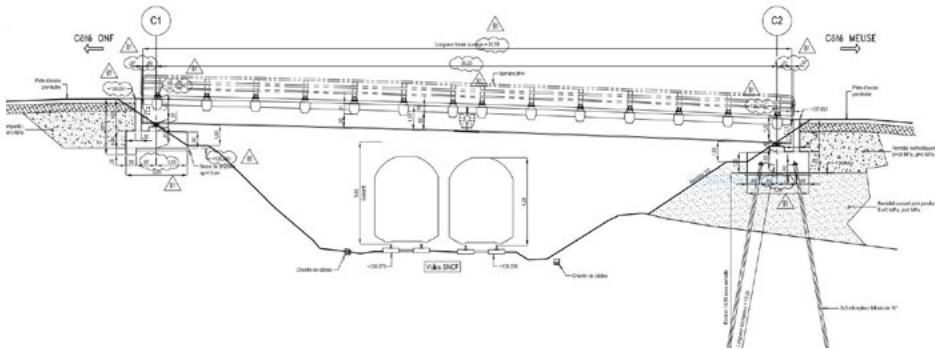
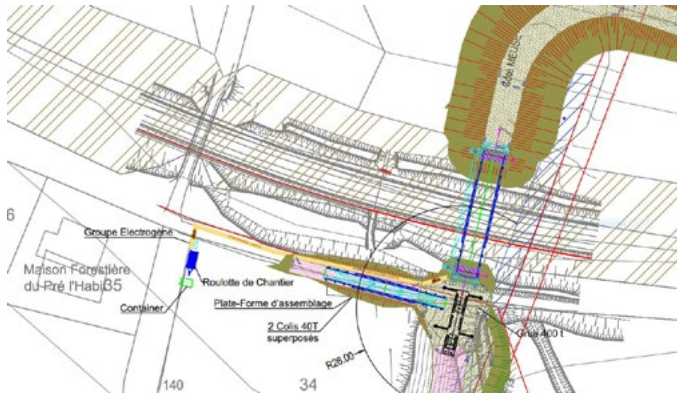
- MOA : Bayer Crop Science
 - LIEU : Limas - 69
 - TYPE DE MISSION : Diagnostic et recalcul structure + étude au feu
 - MATERIAUX : Béton précontraint
 - EN UN MOT : Procédé béton précontraint TURBIL
 - EXISTANT ou NEUF : Neuf
- CONTRACTING AUTHORITY: Bayer Crop Science
 - PLACE: Limas - 69
 - TYPE OF MISSION: Diagnostis and recalculation of structure and fire testing
 - MATERIALS: Prestressed concrete
 - IN A WORD: TURBIL prestressed concrete process
 - EXISTING or NEW: Existing



RÉALISATIONS

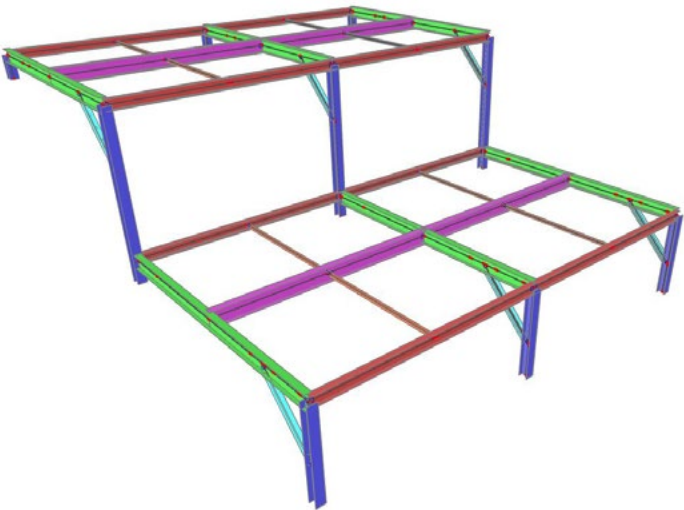
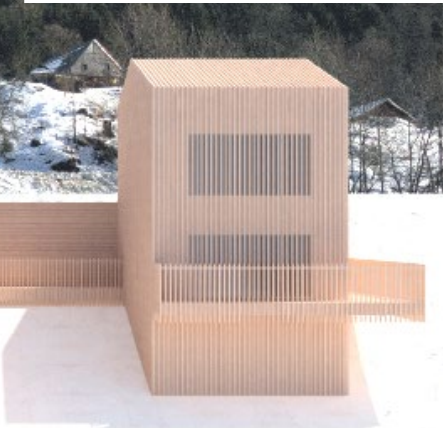
► COREBAM

- MOA : Voies Navigables de France (VNF)
 - ENTREPRISE : Corebam
(Vinci Construction France)
 - LIEU : Fumay - 08
 - TYPE DE MISSION : MOE
 - MATERIAUX : Métal + Béton armé
 - EN UN MOT : Pont SNCF
 - EXISTANT ou NEUF : Neuf
- CONTRACTING AUTHORITY: Voies Navigables de France (VNF)
 - FIRM: Corebam
(Vinci Construction France)
 - PLACE: Fumay - 08
 - TYPE OF MISSION: Followed by construction
 - MATERIALS: Reinforced metal and concrete
 - IN A WORD: SNCF trainline bridge
 - EXISTING or NEW: New



► SCI FOEHNOZ

- MOA : SCI Foehnoz
 - MOE : Noveka
 - ENTREPRISE : Actimodul
 - LIEU : Chemin de Maison Neuve 73400 Cohennoz
 - TYPE DE MISSION : Scan 3D environnement + étude structure métallique modulaire
 - MATERIAUX : Béton et Acier
 - EXISTANT ou NEUF : Neuf
- CONTRACTING AUTHORITY: SCI Foehnoz
 - FOLLOWED BY CONSTRUCTION: Actimodul
 - FIRM: Actimodul
 - PLACE: Chemin de Maison Neuve 73400 Cohennoz
 - TYPE OF MISSION: 3D scan of environment + modular metal structure study
 - MATERIALS: Concrete and steel
 - EXISTING or NEW: New



OPTIMISATION : PILOTIS + PLATEFORME D'ACCES + CONSTRUCTION HORS SITE
MIXTE DES 3 MATERIAUX ACIER BOIS BETON / STILTS + ACCESS PLATFORM + MIX OF 3 MATERIALS
STEEL WOOD CONCRETE OFF-SITE CONSTRUCTION

► ACTIMODUL - Owens Corning

- MOA : Owens Corning
- MOE : Actimodul
- LIEU : 767 Quai des Allobroges 73000 Chambéry
- TYPE DE MISSION : Relevé existant 3D + étude structure métallique modulaire + études VRD et Fondations
- MATERIAUX : Béton et Acier
- EXISTANT OU NEUF : Neuf

- CONTRACTING AUTHORITY: Owens Corning
- FOLLOWED BY CONSTRUCTION: Actimodul
- PLACE: 767 Quai des Allobroges 73000 Chambéry
- TYPE OF MISSION: Existing 3D record + modular metal structure study + VRD (road and various networks) and foundation studies
- MATERIALS: Concrete et Steels
- EXISTING or NEW: New

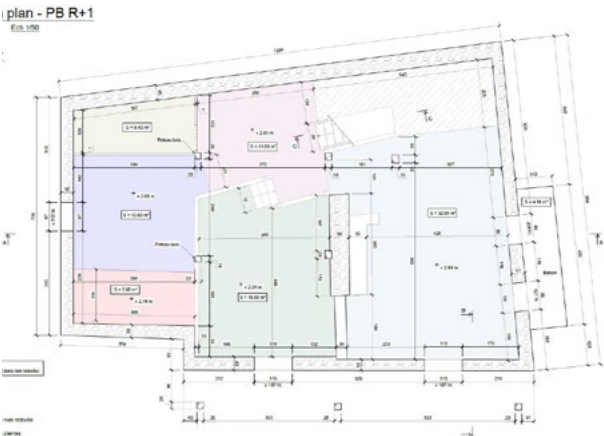
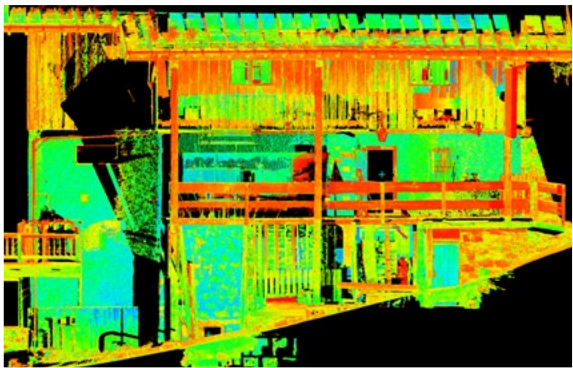
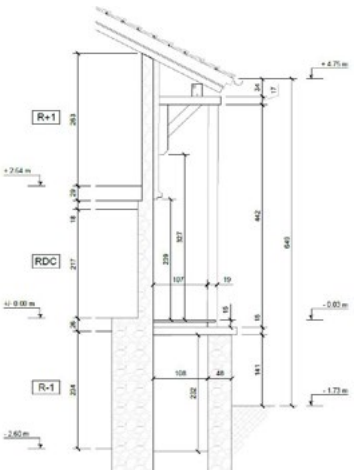


OPTIMISATION : POUTRES TREILLIS – PORTEE DE 14M – OPTIMISATION PLANCHER/FONDATION /
LATTICE BEAMS – SCOPE OF 14M – FLOOR/FOUNDATION OPTIMISATION

► CHEZ KIKI

- MOA : Bergerie chez Kiki
- LIEU : Route de Morel 73550 Méribel
- TYPE DE MISSION : Relevé 3D + réalisation de plan état des lieux du chalet + faisabilité structure réhabilitation + creuser en sous sol
- MATERIAUX : Pierre - charpente bois - béton
- EXISTANT ou NEUF : Existant

- CONTRACTING AUTHORITY: Bergerie chez Kiki
- PLACE: Route de Morel 73550 Méribel
- TYPE OF MISSION: 3D record + realisation map of chalet + feasibility rehabilitation structure+ dig underground
- MATERIALS: Pierre - charpente bois - concrete
- EXISTING or NEW: Existing

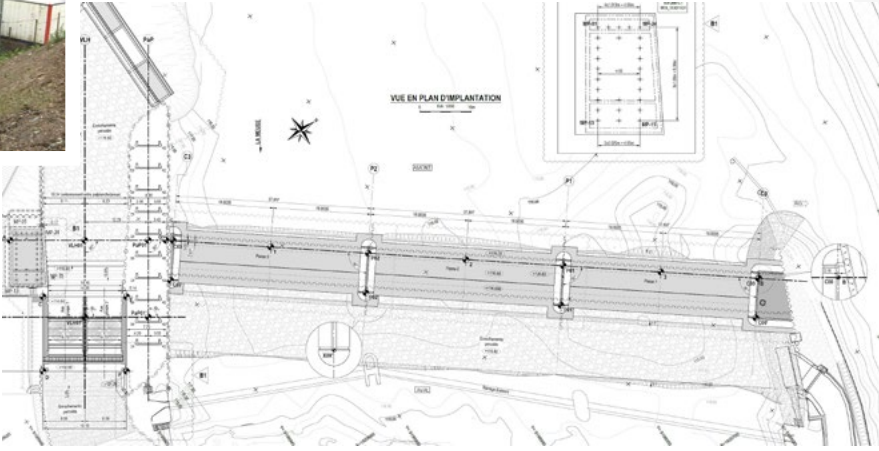


OPTIMISATION : SCAN 3D / 3D SCAN

► COREBAM

- MOA : VNF (Voies Navigables de France)
- ENTREPRISE : Conception Réalisation : Corebam (Vinci Construction France)
- LIEU : Fleuves Aisne et Meuse - départements 02, 06, 55, 60
- TYPE DE MISSION : Contrôle externe d'exécution ouvrages provisoires + Missions annexes
- MATERIAUX : Béton armé, acier
- EN UN MOT : Batardeau fleuves
- EXISTANT ou NEUF : Neuf

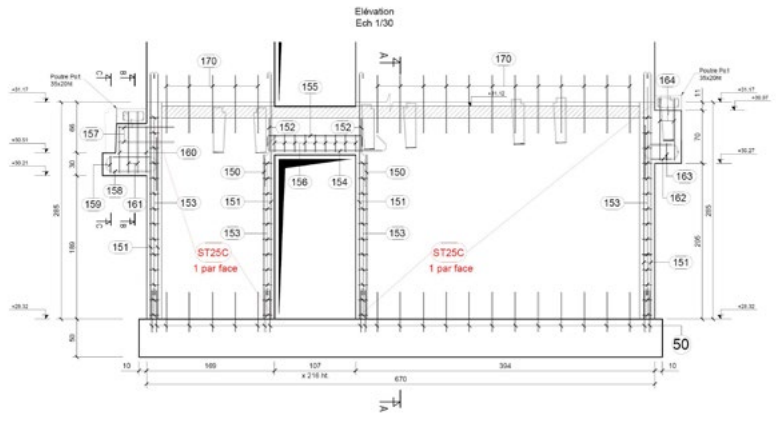
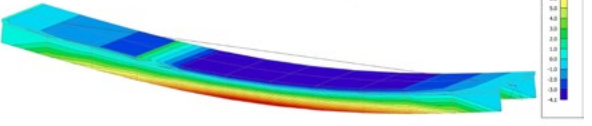
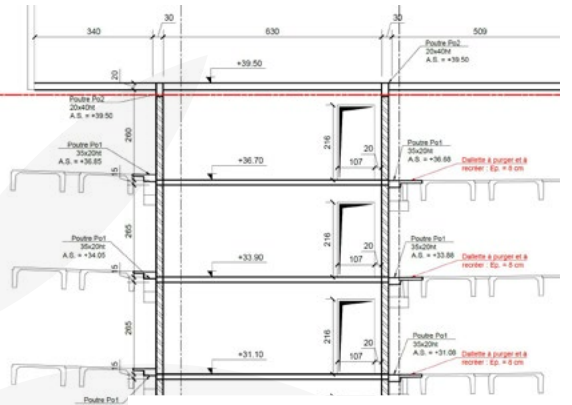
- CONTRACTING AUTHORITY: VNF (Voies Navigables de France)
- FIRM: Conception Réalisation : Corebam (Vinci Construction France)
- PLACE: Fleuves Aisne et Meuse - départements 02, 06, 55, 60
- TYPE OF MISSION: External execution control temporary works + Additional missions
- MATERIALS: Reinforced concrete, steel
- IN A WORD: Cofferdam rivers
- EXISTING or NEW: New



► SOGEA IDF

- MOA : Paris La Défense
- MOE : SAFEGE
- ENTREPRISE : Chantiers Modernes (Vinci Construction France)
- LIEU : Courbevoie - 92
- TYPE DE MISSION : Diagnostic + Etudes d'exécution
- MATERIAUX : Béton armé et précontraint
- EN UN MOT : Réhabilitation lourde parking sous-terrain en BP
- EXISTANT ou NEUF : Existant

- CONTRACTING AUTHORITY: Paris La Défense
- FOLLOWED BY CONSTRUCTION: SAFEGE
- FIRM: Chantiers Modernes (Vinci Construction France)
- PLACE: Courbevoie - 92
- TYPE OF MISSION: Diagnosis + Execution studies
- MATERIALS: Reinforced + prestressed concrete
- IN A WORD: Heavy rehabilitation of underground parking in BP
- EXISTING or NEW: Existing



OPTIMISATION : RENFORCEMENT MIXTE Y COMPRIS CARBONE / MIXED REINFORCEMENT INCLUDING CARBON

► ACTIMODUL - LE PONTON

- MOA : Groupe Barrière
- MOE : Atelier Cos Architecture
- LIEUX : Esplanade Lucien Barrière 44000 La Baule
- TYPE DE MISSION : Diagnostic et recalcul existant
- MATERIAUX : Métal et bois
- EN UN MOT : Charpente bois
- EXISTANT ou NEUF : Neuf en composant avec l'existant

- CONTRACTING AUTHORITY: Groupe Barrière
- FOLLOWED BY CONSTRUCTION: Atelier Cos Architecture
- PLACE: Esplanade Lucien Barrière 44000 La Baule
- TYPE OF MISSION: Structure design diagnosis in the marine environment and on an existing structure
- MATERIALS: Wood / steel
- IN A WORD: Charpente bois
- EXISTING or NEW: New composing with the existing



OPTIMISATION : DELAI TROUVER DES SOLUTIONS EN FILIERE SECHE POUR TOUTE LES FONDATIONS / TIME LIMIT TO FIND SOLUTION IN A DRY CHANNEL FOR ALL FOUNDATIONS

► FERME AUX CROCOS

- MOA : Ferme aux crocos
- LIEU : Pierrelatte - 26
- TYPE DE MISSION : Diagnostic + Recalcul
- MATERIAUX : Métal
- EN UN MOT : Rénovation serres
- EXISTANT ou NEUF : Existant

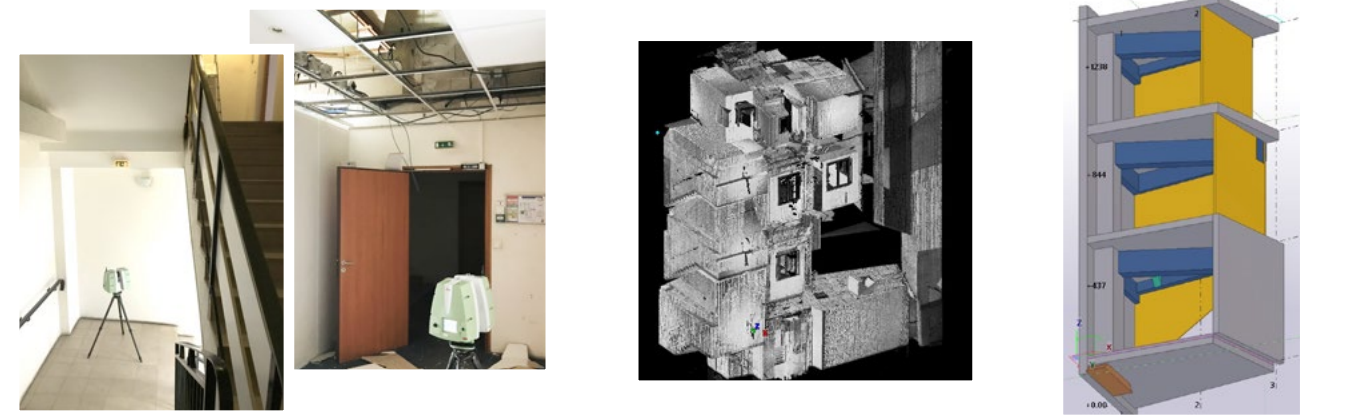
- CONTRACTING AUTHORITY: FRANPRIX
- PLACE: Pierrelatte - 26
- TYPE OF MISSION: Diagnosis + Recalculation
- MATERIALS: Steel
- IN A WORD: Greenhouse renovation
- EXISTING of NEW: Existing



► FRANPRIX

- MOA : FRANPRIX
- MOE : Concept & Travaux
- ENTREPRISE : Franprix
- LIEU : 142 avenue Diderot 75012 Paris
- TYPE DE MISSION : Relevé structure 3D + étude structure pour mise en place cage ascenseur
- MATERIAUX : Béton armé
- EXISTANT ou NEUF : Existant

- CONTRACTING AUTHORITY: FRANPRIX
- FOLLOWED BY CONSTRUCTION: Concept & Travaux
- FIRM: Franprix
- PLACE: 142 avenue Diderot 75012 Paris
- TYPE OF MISSION: 3D structure survey + structural study for installation of lift cage
- MATERIALS: Reinforced concrete
- EXISTING or NEW: Existing

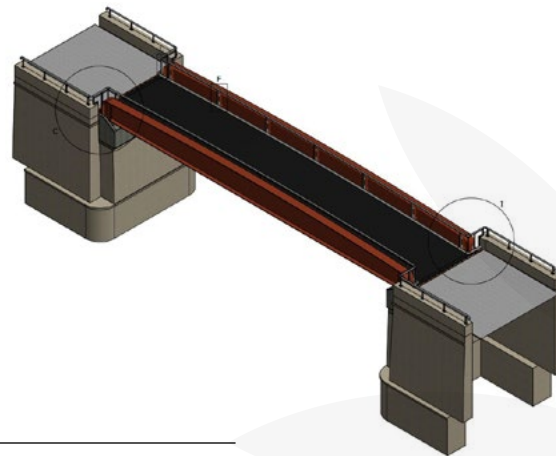
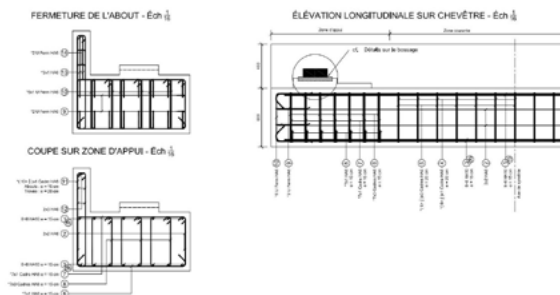


OPTIMISATION : CONSERVER LA TREMIE EXISTANTE / KEEP THE EXISTING LIFT SHAFT

► ROC

- MOA : Commune de Charmauvillers
- MOE : PMM Ingénieurs Conseils
- ENTREPRISE : ROC Aménagement
- LIEU : Charmauvillers - 25
- TYPE DE MISSION : Etudes d'exécution
- MATERIAUX : Béton armé
- EN UN MOT : Fondations Pont
- EXISTANT ou NEUF : Existant

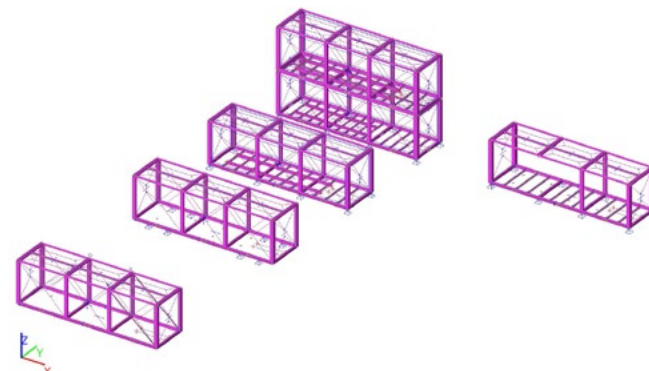
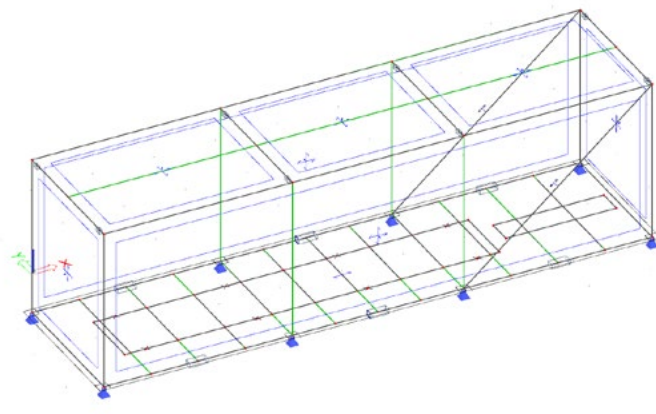
- CONTRACTING AUTHORITY: Commune de Charmauvillers
- FOLLOWED BY CONSTRUCTION: PMM Ingénieurs Conseils
- FIRM: ROC Aménagement
- PLACE: Charmauvillers - 25
- TYPE OF MISSION: Execution studies
- MATERIALS: Reinforced concrete
- IN A WORD: Bridge foundations
- EXISTING or NEW: Existing



► ENTREPRISE MODULAIRE

- LIEU : Rhône - 69
- TYPE DE MISSION : Conception et études d'exécution
- MATERIAUX : Acier
- EN UN MOT : Conception modules techniques
- EXISTANT ou NEUF : Neuf

- PLACE: Rhône - 69
- TYPE OF MISSION: Conception et études d'exécution
- MATERIALS: Steels
- IN A WORD: Design of technical modules
- EXISTING or NEW: New



OPTIMISATION : STRUCTURE MODULABLE ET DEMONTABLE ASSEMBLAGE EN METAL / MODULAR AND REMOVABLE STRUCTURE METAL ASSEMBLY

► EIFFAGE TP LYON

- MOA : COVILLO
- ENTREPRISE : Eiffage Construction Confluences
- LIEU : Chantier Silex² - 9 rue des Cuirassiers 69003 Lyon
- TYPE DE MISSION : Repérage + détermination du type d'aciers en tête de paroi moulée + comparaison avec plan structure existant
- MATERIAUX : Béton armé
- EXISTANT ou NEUF : Existant

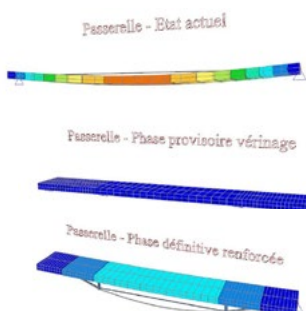
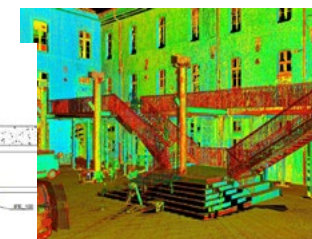
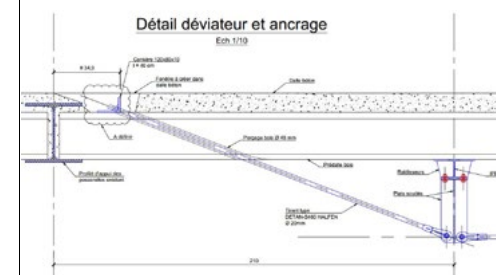
- CONTRACTING AUTHORITY: COVILLO
- FIRM: Eiffage Construction Confluences
- PLACE: Chantier Silex² - 9 rue des Cuirassiers 69003 Lyon
- TYPE OF MISSION: Locating + determination of the type of steels at the top of the molded wall + comparison with existing structure plan
- MATERIALS: Reinforced concrete
- EXISTING or NEW: Existing



► FREYSSINET

- MOA : Région Auvergne Rhône-Alpes
- MOE : Kompass Ingénierie
- ENTREPRISE : Freyssinet
- LIEU : Annecy - 74
- TYPE DE MISSION : Diagnostic, conception et études d'exécution
- MATERIAUX : Mixte bois béton + Métal
- EN UN MOT : Passerelle mixte bois béton sous-tendue en métal
- EXISTANT ou NEUF : Existant

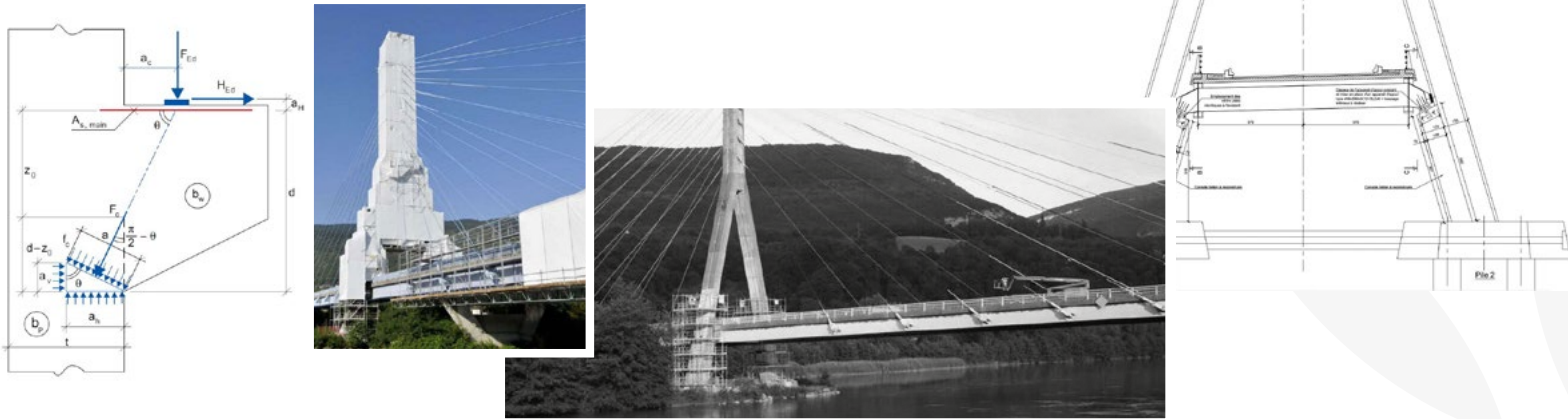
- CONTRACTING AUTHORITY: Région Auvergne Rhône-Alpes
- FOLLOWED BY CONSTRUCTION: Kompass Ingénierie
- FIRM: Freyssinet
- PLACE: Annecy - 74
- TYPE OF MISSION: Diagnosis, design and execution studies
- MATERIALS: Mixed wood concrete + Metal
- IN A WORD: Mixed wooden concrete Walkway underpinned in metal
- EXISTING or NEW: Existing



OPTIMISATION : CONSERVER LA STRUCTURE ET RENFORCEMENT PAR PRECONTRAINTE EXTERIEURE / KEEP THE STRUCTURE AND REINFORCEMENT BY EXTERIOR PRESSURE

► FREYSSINET

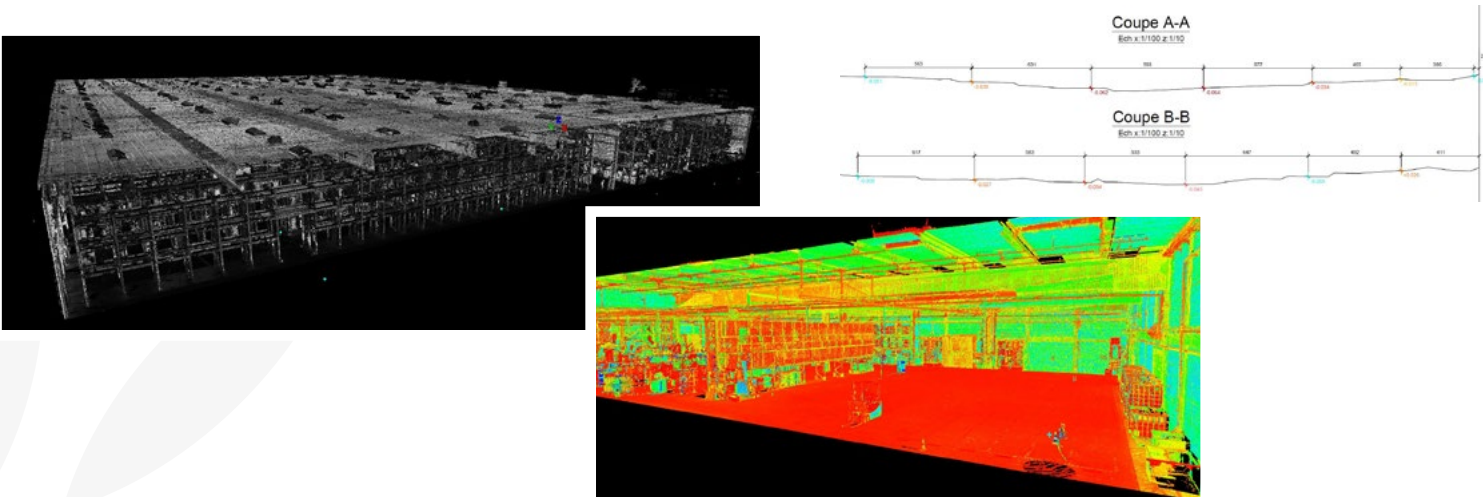
- MOA : Département de l'AIN
- MOE : QUADRIC (Groupe Artelia)
- ENTREPRISE : Freyssinet
- LIEU : Seyssel - 01 et 74
- TYPE DE MISSION : Etudes d'exécutions
- MATERIAUX : Béton armé
- EN UN MOT : Réparation ouvrage d'art
- EXISTANT ou NEUF : Existant



► BAYER

- MOA : Bayer Corpscience
- LIEU : 1 avenue Edouard Herriot 69400 Limas
- TYPE DE MISSION : Relevé dallage existant au scan 3D
- MATERIAUX : Béton armé
- EXISTANT ou NEUF : Existant

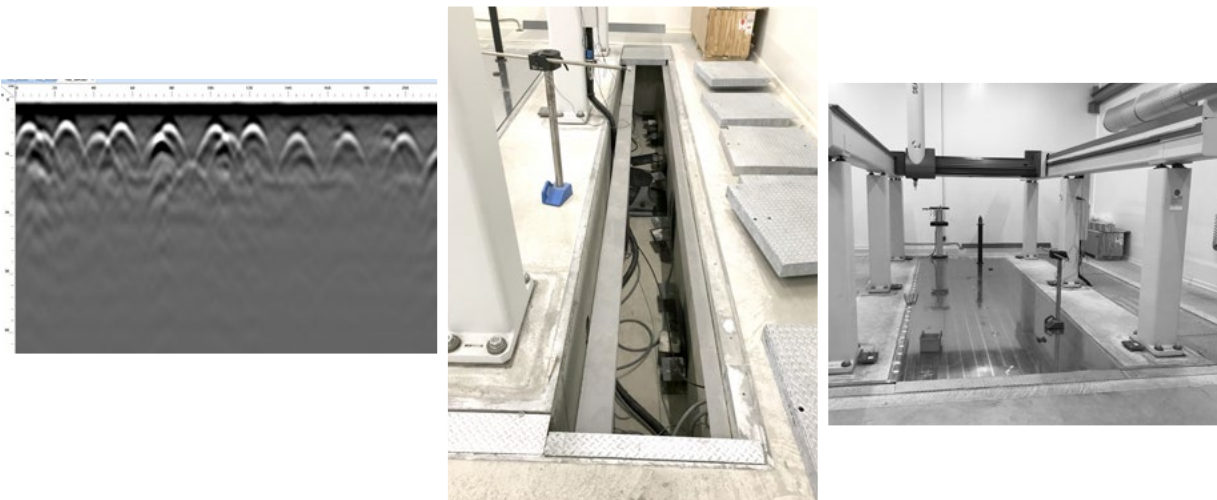
- CONTRACTING AUTHORITY: Bayer Corpscience
- PLACE: 1 avenue Edouard Herriot 69400 Limas
- TYPE OF MISSION: Existing pavement survey with 3D scan
- MATERIALS: Reinforced concrete
- EXISTING or NEW : Existing



► LAMY

- MOA : MKAD
- MOE : Cabinet d'expertise : Lamy Expertise
- LIEU : Varilhes - 09
- TYPE DE MISSION : Diagnostic
- MATERIAUX : Béton armé
- EN UN MOT : Suivi déformations infimes banc de test
- EXISTANT ou NEUF : Existant

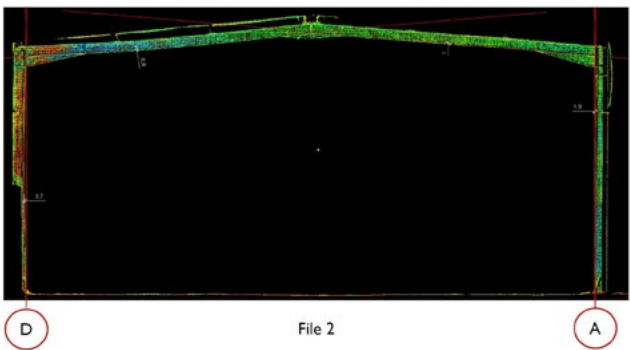
- CONTRACTING AUTHORITY: MKAD
- FOLLOWED BY CONSTRUCTION: Cabinet d'expertise : Lamy Expertise
- PLACE: Varilhes - 09
- TYPE OF MISSION: Diagnosis
- MATERIALS: Reinforced concrete
- IN A WORD: Tracking tiny deformations test bench
- EXISTING or NEW: Existing



► VIRICEL

- MOA : EARL des Seiglières
- MOE : Expert Gilles Viricel
- LIEU : Savas Mépin - 38
- TYPE DE MISSION : Diagnostic incendie et préconisations AVP
- MATERIAUX : Acier
- EN UN MOT : Incendie charpente métal
- EXISTANT ou NEUF : Existant

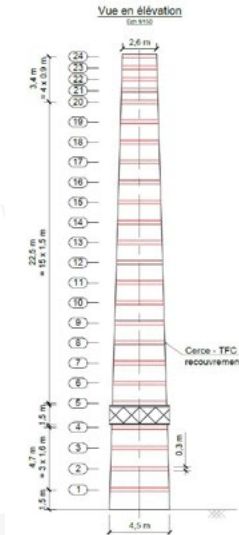
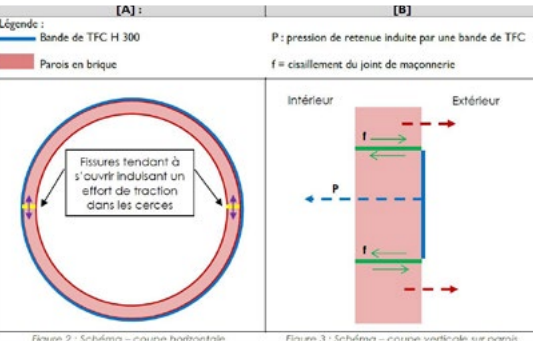
- CONTRACTING AUTHORITY: EARL des Seiglières
- FOLLOWED BY CONSTRUCTION : Expert Gilles Viricel
- PLACE: Savas Mépin - 38
- TYPE OF MISSION: Fire survey and before study recommendations
- MATERIALS: Steels
- IN A WORD: Metal frame fire
- EXISTING or NEW: Existing



➤ FREYSSINET

- MOA : Communauté d'agglo de Villefranche sur Saône
- ENTREPRISE : Freyssinet
- LIEU : Gleizé - 69
- TYPE DE MISSION : Etudes d'executions
- MATERIAUX : Maçonnerie de briques et carbone
- EN UN MOT : Renforcement cheminée en carbone
- EXISTANT ou NEUF : Existant

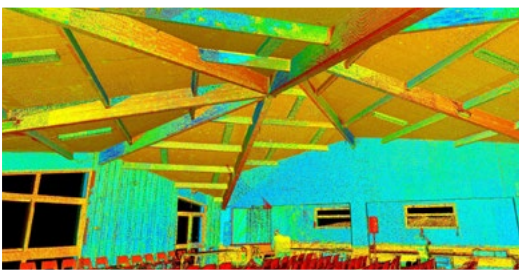
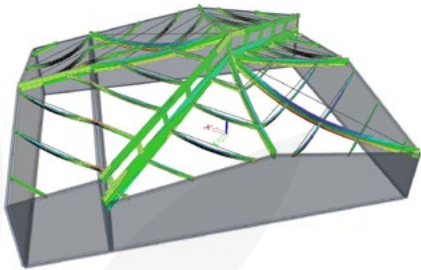
- CONTRACTING AUTHORITY: Communauté d'agglo de Villefranche sur Saône
- FIRM: Freyssinet
- PLACE: Gleizé - 69
- TYPE OF MISSION : Execution studies
- MATERIALS: Brick and carbon masonry
- IN A WORD: Reinforcement in carbon chimney
- EXISTING or NEW: Existing



➤ RIVOLET

- MOA : Mairie de Rivolet
- LIEU : Rivolet - 69
- TYPE DE MISSION : Diagnostic et recalcul existant
- MATERIAUX : Bois
- EN UN MOT : Charpente bois
- EXISTANT ou NEUF : Existant

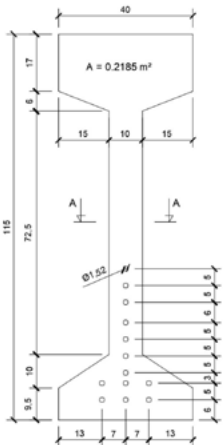
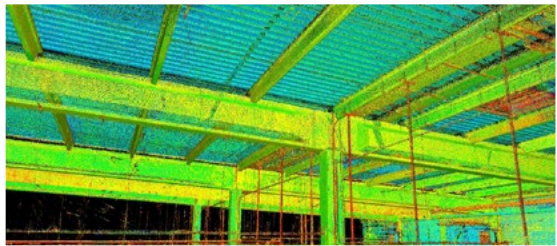
- CONTRACTING AUTHORITY: Mairie de Rivolet
- PLACE: Rivolet - 69
- TYPE OF MISSION: Existing diagnosis and recalculation
- MATERIALS: Wood
- IN A WORD: Wood frame
- EXISTING or NEW: Existing



➤ INEXOM

- MOA : 3M
- MOE : SLICC
- LIEU : La Mure - 38
- TYPE DE MISSION : Diagnostic et recalcul
- MATERIAUX : Béton précontraint
- EN UN MOT : Recalcul charpente en béton précontraint
- EXISTANT ou NEUF : Existant

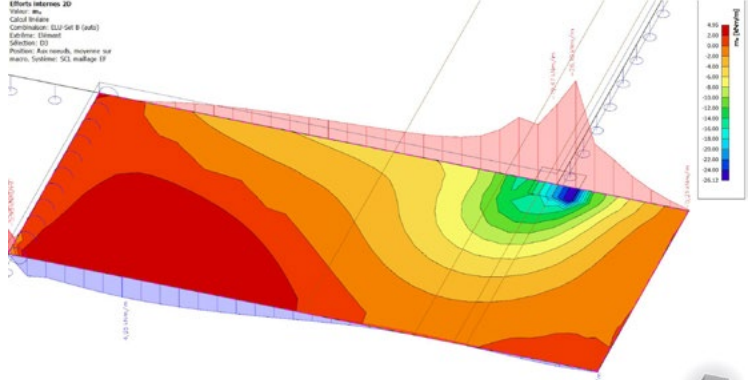
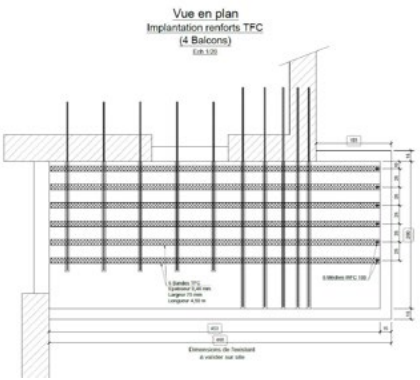
- CONTRACTING AUTHORITY: 3M
- FOLLOWED BY CONSTRUCTION: SLICC
- PLACE: La Mure - 38
- TYPE OF MISSION: Diagnosis and recalculation
- MATERIALS: Prestressed concrete
- IN A WORD: Recalculation of prestressed concrete frame
- EXISTING or NEW: Existing



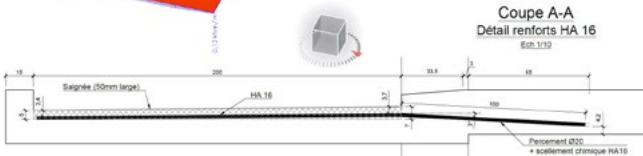
➤ FREYSSINET

- MOA : Dynacité
- ENTREPRISE : Freyssinet
- LIEU : Sathonay Camp - 69
- TYPE DE MISSION : Etudes d'executions
- MATERIAUX : Béton armé + Carbone
- EN UN MOT : Réparation balcons
- EXISTANT ou NEUF : Existant

- CONTRACTING AUTHORITY: Dynacité
- FOLLOWED BY CONSTRUCTION: Freyssinet
- FIRM: Sathonay Camp - 69
- TYPE OF MISSION: Execution studies
- MATERIALS: Reinforced concrete + Carbon
- IN A WORD: Balcony repair
- EXISTING or NEW: Existing



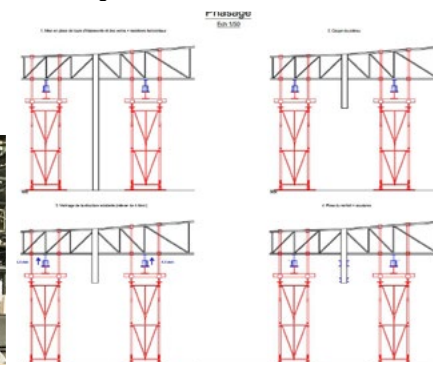
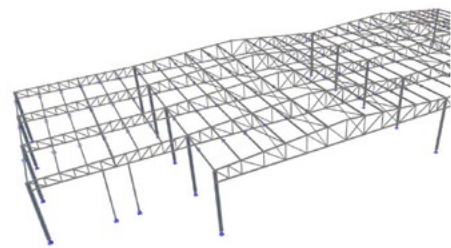
OPTIMISATION : PRECONTRAINTE ADDITIONNELLE / ADDITIONAL PRESSURE



► CARTONNAGE DU BEAUJOLAIS

-  **MOA** : Cartonnages du Beaujolais
-  **ENTREPRISE** : Pasquier Favre
-  **LIEU** : Belleville sur Saône - 69
-  **TYPE DE MISSION** : Diagnostic + études d'executions
-  **MATERIAUX** : Métal + Fondations Béton armé
-  **EN UN MOT** : Suppression poteau
-  **EXISTANT ou NEUF** : Existant

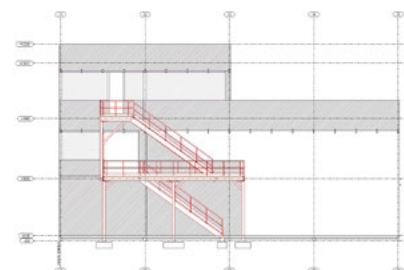
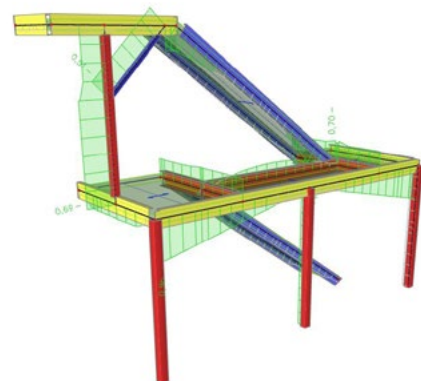
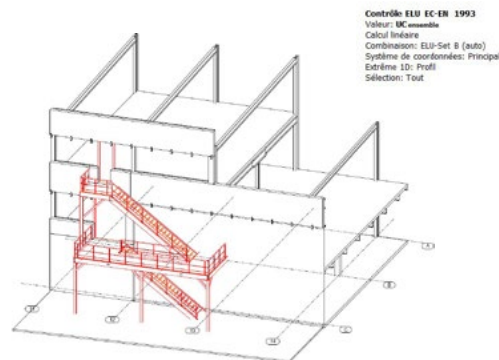
-  **CONTRACTING AUTHORITY:** Cartonnages du Beaujolais
-  **FIRM:** Pasquier Favre
-  **PLACE:** Belleville sur Saône - 69
-  **TYPE OF MISSION:** Diagnosis + Execution studies
-  **MATERIALS:** Metal + concrete foundations
-  **IN A WORD:** Post removal
-  **EXISTING or NEW:** Existing



► STRUCTURE & BATIMENTS

-  **MOA** : Tessi Technologies
-  **MOE** : Ateliers Kumquat
-  **LIEU** : 1-3 avenue des Satellites 33185 Le Haillan
-  **TYPE DE MISSION** : Etude AVP (avant projet) pour installation escalier métallique extérieur sur bâtiment existant
-  **MATERIAUX** : Charpente métallique
-  **EXISTANT ou NEUF** : Existant

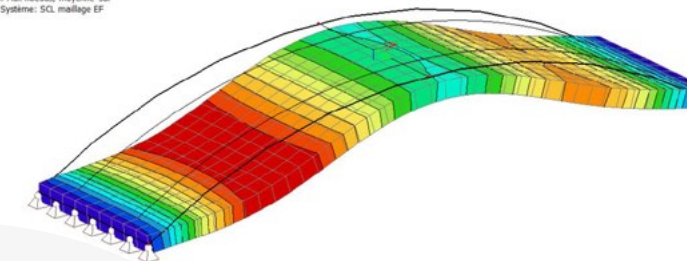
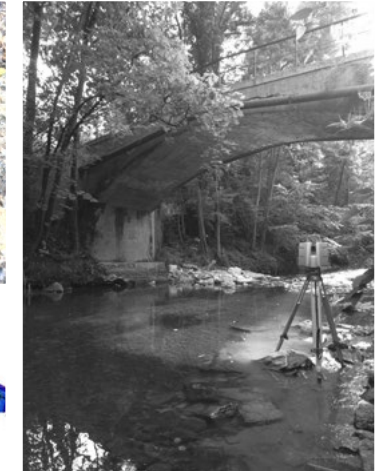
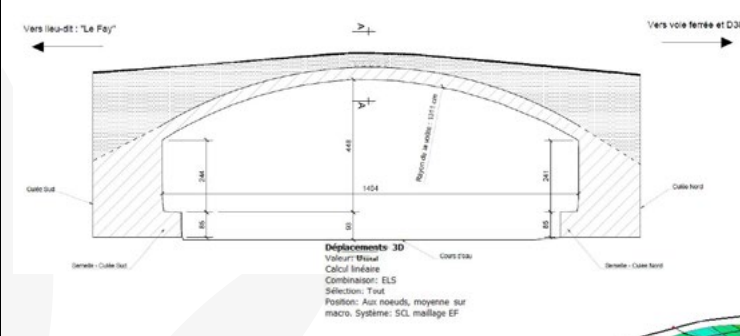
-  **CONTRACTING AUTHORITY:** Tessi Technologies
-  **FOLLOWED BY CONSTRUCTION:** Ateliers Kumquat
-  **PLACE:** 1-3 avenue des Satellites 33185 Le Haillan
-  **TYPE OF MISSION:** Before project study for exterior metal staircase installation on existing building
-  **MATERIALS:** Metal frame
-  **EXISTING or NEW:** Existing



► CC PIERRES DOREES

-  **MOA** : CC Pierres Dorées
-  **LIEU** : Létrat - 69
-  **TYPE DE MISSION** : Diagnostic structure pour capacité portante du pont
-  **MATERIAUX** : Pierre et béton
-  **EXISTANT ou NEUF** : Existant

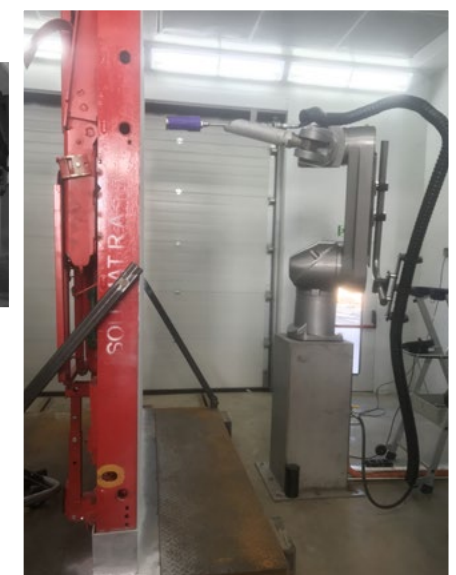
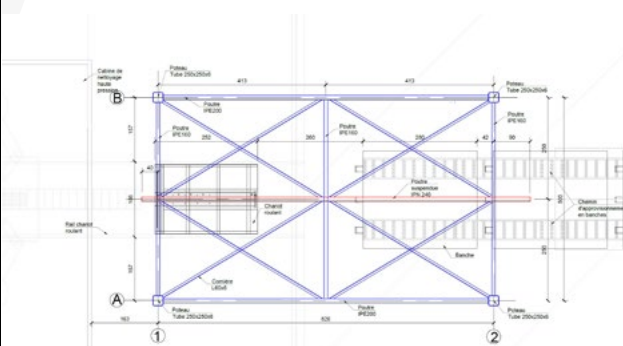
- 👤 **CONTRACTING AUTHORITY:** CC Pierres Dorées
- 📍 **PLACE:** Létrat - 69
- 🏢 **TYPE of MISSION:** Diagnosis structure
- 🏠 **MATERIALS:** Stone and concrete
- 🏗️ **EXISTING or NEW:** Existing



► SOLUMAT

-  **MOA** : Solumat Rhône-Alpes
-  **LIEU** : Saint Vulbas - 01
-  **TYPE DE MISSION** : Assistance à Maitrise d'Ouvrage (AMO)
-  **EN UN MOT** : Intégration Robots pour lavage automatique des coffrages
-  **EXISTANT ou NEUF** : Neuf

- 👤 **CONTRACTING AUTHORITY:** SOLUMAT Rhône-Alpes
- 📍 **PLACE:** Saint Vulbas - 01
- 👷 **TYPE OF MISSION:** Site management assistance
- 📄 **IN A WORD:** Robot integration for automatic washing of formwork
- 🏗️ **EXISTING or NEW:** New



**OPTIMISATION : CONCEPTION CABINE ET CHARIOT +
PLUS INTEGRATION ROBOTICS STAUBLI / *CABIN AND TROLLEY
DESIGN + MORE STAUBLI ROBOTICS INTEGRATION***

► GRISOLLES

- MOA : Mairie de Grisolles
- MOE : Joëlle Cumin Architecte
- ENTREPRISE : CAN OA
- LIEU : Grisolles - 82
- TYPE DE MISSION : Diagnostic + Recalcul + MOE (PRO, DCE, ACT, VISA, DET)
- MATERIAUX : Acier
- EN UN MOT : Corrosion et déformations structure
- EXISTANT ou NEUF : Existant

- CONTRACTING AUTHORITY: Mairie de Grisolles
- FOLLOWED BY CONSTRUCTION: Joëlle Cumin Architecte
- FIRM: CAN OA
- PLACE: Grisolles - 82
- TYPE OF MISSION: Diagnosis + Recalculation + site management (PRO, DCE, ACT, VISA, DET)
- MATERIALS: Steels
- IN A WORD: Corrosion and structure deformations
- EXISTING or NEW: Existing

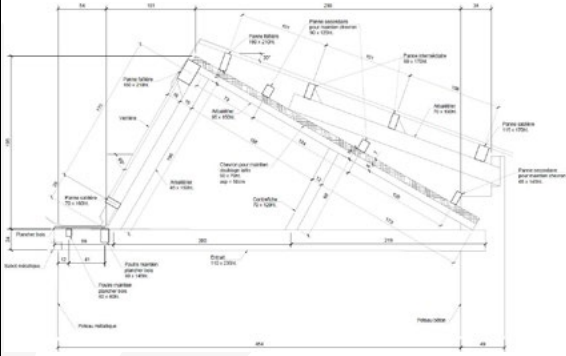


OPTIMISATION : CONSERVATION DE L'ARCHITECTURE DU PATRIMOINE /
CONSERVATION OF HERITAGE ARCHITECTURE

► ELCIMAI

- MOA : Valrhôna
- MOE : ELCIMAI
- LIEU : 14 avenue du Président Roosevelt 26600 Tain L'Hermitage
- TYPE DE MISSION : Relevé + plan état des lieux de la charpente bois de la station de lavage de l'usine
- MATERIAUX : Bois
- EXISTANT ou NEUF : Existant

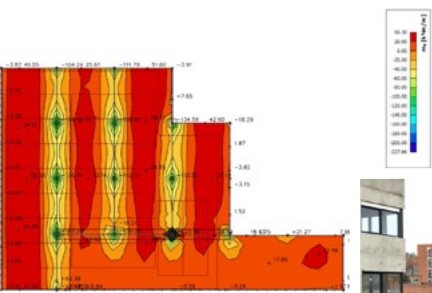
- CONTRACTING AUTHORITY: Valrhôna
- FOLLOWED BY CONSTRUCTION: ELCIMAI
- PLACE: 14 avenue du Président Roosevelt 26600 Tain L'Hermitage
- TYPE OF MISSION: Survey + inventory of the wood frame of the factory washing station
- MATERIALS: Wood
- EXISTING or NEW: Existing



► ACTIMODUL - GTM

- MOA : Hôpital Bagatelle Bahia
- MOE : Artelia
- ENTREPRISE : Actimodul
- LIEU : 203 route de Toulouse 33401 Talence
- TYPE DE MISSION : Vérification de la structure existante et dimensionnement de longrine de transition pour installation modulaire sur toiture
- MATERIAUX : Béton armé
- EXISTANT ou NEUF : Existant (ajout structure neuf)

- CONTRACTING AUTHORITY: Hôpital Bagatelle Bahia
- FOLLOWED BY CONSTRUCTION: Artelia
- FIRM: Actimodul
- PLACE: 203 route de Toulouse 33401 Talence
- TYPE OF MISSION: Verification of the existing structure and sizing of a transitional sill for modular installation on the roof
- MATERIALS: Reinforced concrete
- EXISTING or NEW: Existing (adding new structure)

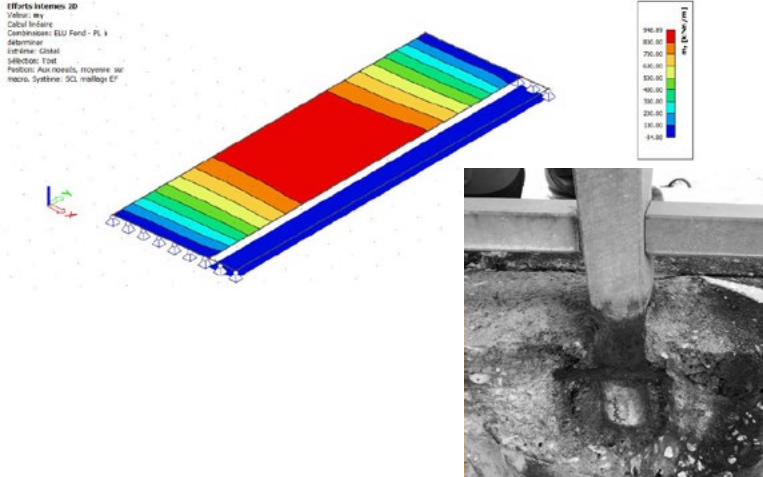


OPTIMISATION : TRAVAUX LEGERS ET DEMONTABLES /
LIGHTWEIGHT AND REMOVABLE WORKS

► CC PIERRES DOREES

- MOA : CC Beaujolais Pierre Dorées
- LIEU : Chemin des Carrières 69380 St -Jean-des-Vignes
- TYPE DE MISSION : Diagnostic structure + analyse capacité portant du tablier
- MATERIAUX : Béton armé
- EXISTANT ou NEUF : Existant

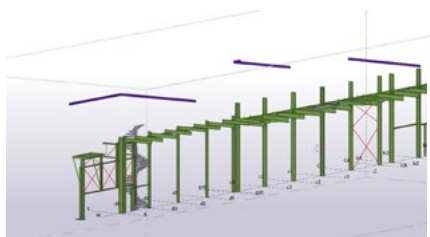
- CONTRACTING AUTHORITY: CC Beaujolais Pierre Dorées
- LIEU : Chemin des Carrières 69380 St -Jean-des-Vignes
- TYPE OF MISSION: Structured diagnosis + carrying capacity analysis of the deck
- MATERIALS: Reinforced concrete
- EXISTING or NEW: Existing



► BAUMERT CM

- MOA : Becton Dickinson
- MOE : Engie Axima
- ENTREPRISE : Baumert CM
- LIEU : Le Pont-de-Claix (38)
- TYPE DE MISSION : Relevé existant 3D + Modélisation 3D sur Tekla
- MATERIAUX : Acier
- EN UN MOT : Scan 3D usine
- EXISTANT ou NEUF : Existant

- CONTRACTING AUTHORITY: Becton Dickinson
- FOLLOWED BY CONSTRUCTION: Engie Axima
- FIRM: Baumert CM
- PLACE: Le Pont-de-Claix (38)
- TYPE OF MISSION : Existing 3D survey + 3D modeling on Tekla
- MATERIALS: Steels
- IN A WORD: Factory 3D scan
- EXISTING or NEW: Existing



► CABINET MERLIN

- MOA : Syndicat des eaux de Jassans Riotier
- ENTREPRISE : Cabinet Merlin
- LIEU : Pont sur la Saône à Beauregard
- TYPE DE MISSION : Relevé état des lieux de la structure maintien d'une conduite AEP + recalcul de la structure maintien pour reception nouvelle conduite
- MATERIAUX : Structure métallique - pierre - câbles
- EXISTANT ou NEUF : Existant

- CONTRACTING AUTHORITY: Syndicat des eaux de Jassans Riotier
- FIRM: Cabinet Merlin
- PLACE: Pont sur la Saône à Beauregard
- TYPE OF MISSION: Survey of the structure maintaining a drinking water supply line + recalculation of the structure maintenance for reception of new pipe
- MATERIALS: Metallic structure - stone - cables
- EXISTING or NEW: Existing



OPTIMISATION : CONSERVER L'EXISTANT / KEEP THE EXISTING



**"CREATIVITY,
IS INTELLIGENCE HAVING FUN."**

Albert Einstein

L'industrialisation du bâtiment devient aujourd'hui **une nécessité**.

Pour moi le "sur-mesure industrialisé" sera le leitmotiv des prochaines années. Les enjeux d'aujourd'hui nous poussent à concevoir et fabriquer des bâtiments durables et modulables à des prix cohérents.

L'industrialisation est l'une des clés pour relever le défi.

Néanmoins intégrer les contraintes architecturales dans ce mode constructif sera pour moi le challenge de nos entreprises.

-

*Industrialisation of building is today becoming **a necessity**.*

For me "industrialised tailor-made" will be the recurring theme of the coming years. Today's challenges prompt us to design and manufacture sustainable and modular buildings at consistent prices.

Industrialisation is one of the keys to meeting the challenge.

Nevertheless, integrating architectural constraints into this construction method will for me be the challenge for our companies.

-

Adrien BROZEK