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formateur de talents Les métiers périphériques à la construction

efp asbl rue de Stalle 192b 1180 Bruxelles 0800 85 210 info@efp.be



Contenu de notre rendez-vous:

- ➤ Accueil (5')
- Présentation des formateurs et des métiers (5'/métier)
- Réponses aux questions (10')
- Conclusions et débriefing (5')

Questions?

N'hésitez pas à poser vos questions dans l'espace de conversation





Nos invités du jour :

Les formateurs de l'efp:



Pascal VAN GRUNDERBEEK
Entrepreneur chez
Du Vert Ruisseau SPRL



Didier HOFFMAN

Architecte et formateur « Revit »

certifié par Autodesk,

3DHO SPRL

Le personnel de l'efp-sfpme:



Cyril DIVOUL Responsable du pôle Numérique



Paul SILVA Assistant -Coordination tutelle

Le modérateur :



Benoit SAMYN



Les métiers:

Technico-commercial secteur de la construction

BIM coordinateur

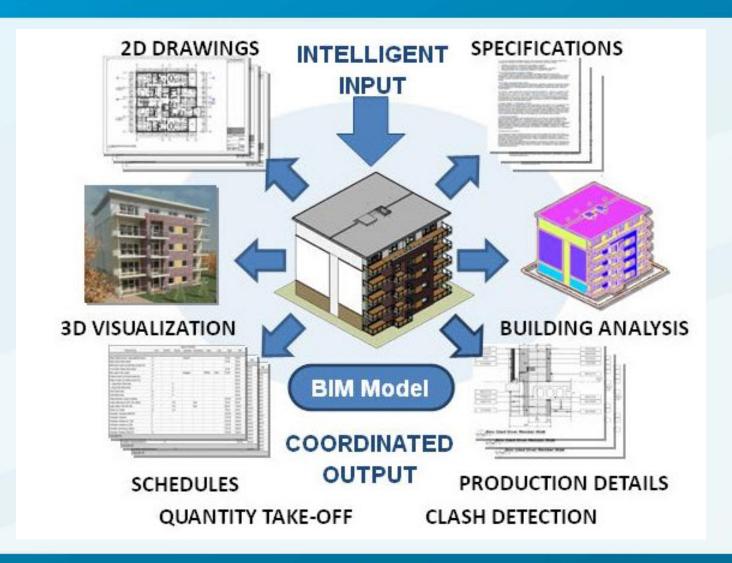








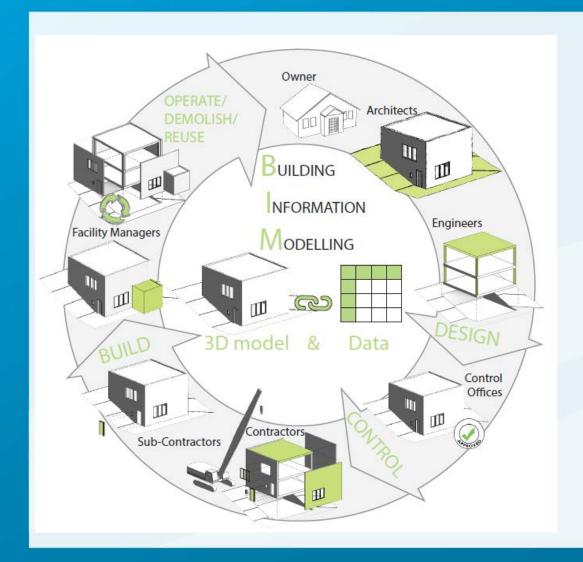
Qu'est ce que le BIM?

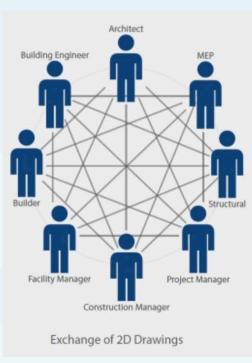


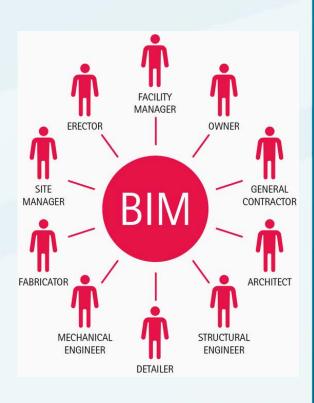




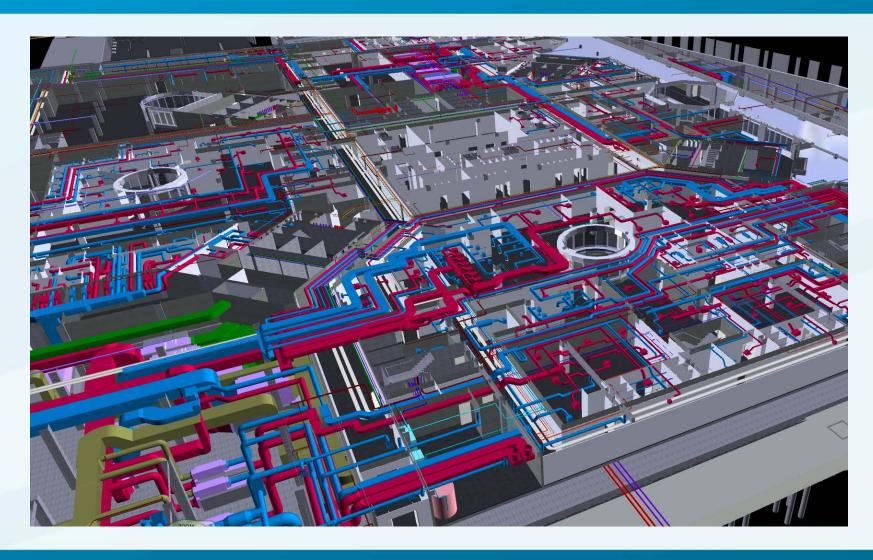
Qu'est ce que le BIM?













Les avantages du BIM : de la 3D ... à la 7D !

3D

- Existing Conditions Models
- Laser scanning
- Ground Penetration Radar (GPR) conversions
- Safety & Logistics Models
- Animations, renderings, walkthroughs
- BIM driven prefabrication
- Laser accurate BIM driven field layout

4D

SCHEDULING

- Project Phasing Simulations
- Lean Scheduling
- Last Planner
- Just In Time (JIT)
 Equipment Deliveries
- Detailed Simulation Installation
- Visual Validation for Payment Approval

5D

ESTIMATING

- Real time conceptual modeling and cost planning (DProfiler)
- Quantity extraction to support detailed cost estimates
- Trade Verifications from Fabrication Models
- Structural Steel
- Rebar
- Mechanical/Plumbing
- Electrical
- Value Engineering
 - What-if scenarios
- Visualizations
- Quantity Extractions
- Prefabrication Solutions
- Equipment rooms
- MEP systems
- Multi-Trade Prefabrication
- Unique architectural and structural elements

6D

SUSTAINABILITY

- Conceptual energy analysis via DProfiler
- Detailed energy analysis via EcoTech
- Sustainable element tracking
- LEED tracking

7D

FACILITY MANAGEMENT APPLICATIONS

- . Life Cycle BIM Strategies
- . BIM As-Builts
- BIM embedded O&M manuals
- COBie data population and extraction
- BIM Maintenance Plans and Technical Support
- BIM file hosting on Lend Lease's Digital Exchange System

Modèle 3D

Phasage Planning

Coûts

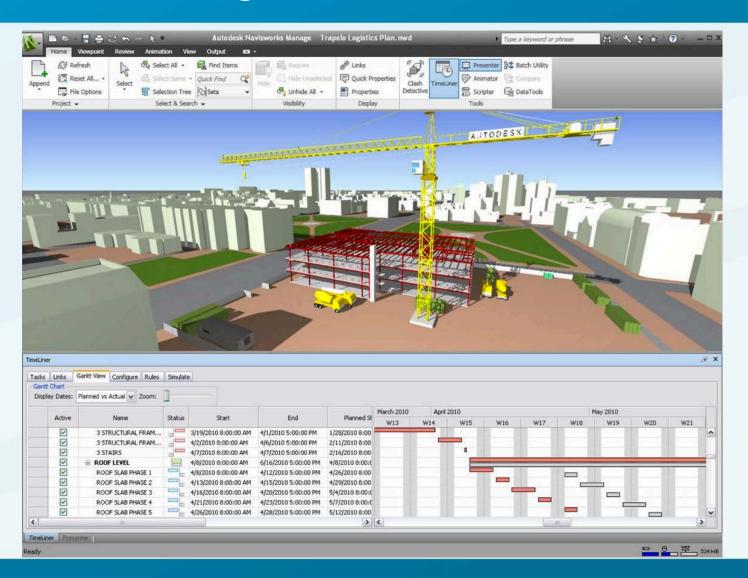
Energie Ecologie

Gestion patrimoine



Le planning

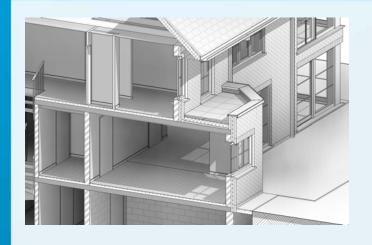




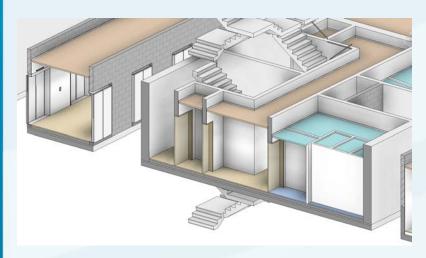


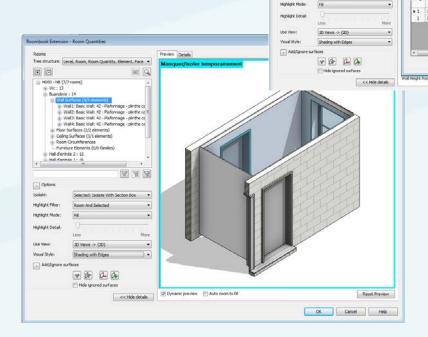


Les quantitatifs









Tree structure: Level, Room, Room Quantity, Element, Face 🔻

(i) Wall I: Basic Wall: 42 - Plafonnage - plinthe or

Walf2: Basic Wall: 42 - Plafonnage - plinthe ca Walf3: Basic Wall: 42 - Plafonnage - plinthe ca

⊕ Wall4: Basic Wall: 42 - Plaformage - plinthe ca

Selected: Isolate With Section Box 💌

D B B

Floor Surfaces (2/2 elements)
Ceiling Surfaces (1/1 elements) Room Croumferences
Furniture Elements (0/0 families)

Hall d'entrée 2 : 15 . Hall dantrée 1 - 1

Wall Facel

Wall Face2

4 @ Wall4: Basic Wall: 42 - Plafonn...

Use view: 30 Views -> (30)

42 - Faienc...

Door1: 32 - Porte Sim., 42 - Faienc...

@ Wall2: Basic Wall: 42 - Plafonn... @ Walt3: Basic Walt: 42 - Plafonn.

(d) - Wc : 13

Highlight Filter:

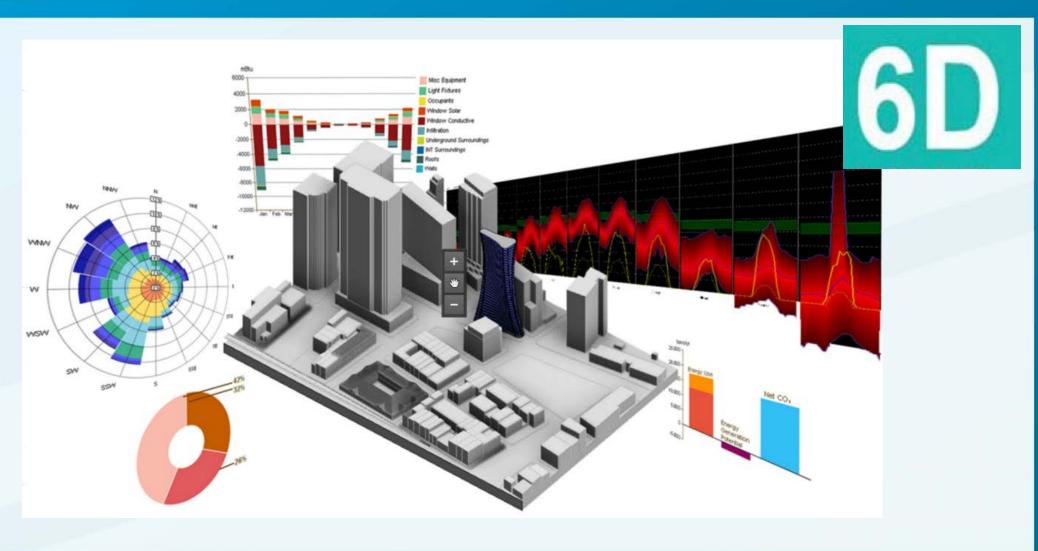
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OK Cancel Help





Le modèle énergétique







La gestion de patrimoine

Répartition du coût global d'un bâtiment sur cinquante ans (exemple d'un lycée) Energie 11% Conception 2% Construction 27% Exploitation, maintenance 28%

Gros entretien.

renouvellement 30%



Articles FM:BIM





al Partners Blog

Software - Industries - Services - Resources - News & Events - Company Overview -



Stav Connected

FM:Systems BIM integration enables AEC and Facilities Professionals to connect Autodesk® Revit® models to a Cloud-based system to help them manage space, plan maintenance and more. FM:Interacts BIM for the Building Lifecycle integration maintains a live integration between the building models and the system, allowing AEC and FM professionals to share information during design, construction and throughout the building lifecycle.

Eliminate Information Loss

There are many phases in the life of a building, each with its own set of managers, requirements and data. Inevitably crucial information is lost with every hand-off—wasting time and money and leaving much room for error.

Maintain Your Model in Every Phase

FM:Interact's Revit Integration helps you eliminate information loss and leverage the data in BIM models to improve communication and collaboration between architects, engineers, contractors and facility managers as a building evolves. This provides an opportunity to share building information during initial design and construction, building operations, and renovation or retrofit projects which means you can leverage your AEC models throughout a buildings life-cycle.







FM:BIM is a Cloud Based Solution That Helps Owners, Architects, and Construction Firms Maximize the Transfer of Building Information Modeling From Construction Project to Facility Management.

Building Information Modeling is a process. FM:BIM provides our clients with a scalable solution that helps building owners, architects, and construction managers maximize the information value of BIM. FM:BIM and its direct link with Autodesk Revit® will improve the transfer of information from the project to the owner with a focus on facility management. Along with a well thought out BIM plan, FM:BIM will improve the delivery of BIM projects now and in the future.



?? Questions ??

N'hésitez pas à poser vos questions dans l'espace de chat en bas de votre écran

Vous pouvez nous contacter:

- par mail à info@efp.be
 - par tél. 0800 85 210

Conclusions

- Envie de vous inscrire?
- ➤ Vous avez encore des questions?
- ► Laissez-nous <u>vos coordonnées</u>.



>Suivez mus sur les résedux sociaux



Merci

Au plaisir de vous revoir!

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