

RÔLE DE LA COMMANDE PUBLIQUE DANS LA CONSTRUCTION ET L'AMÉNAGEMENT POUR FAVORISER L'ÉCONOMIE CIRCULAIRE DES MATÉRIAUX DU BTP

HOW TO PROMOTE CIRCULAR ECONOMY OF CONSTRUCTION AND DEMOLITION (C&D) WASTE IN PUBLIC PROCUREMENT ?



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LES RESPONSABLES DES TRAVAUX : ACTEUR ESSENTIEL POUR FAVORISER L'ÉCONOMIE CIRCULAIRE

WORK MANAGERS: KEY PLAYER IN PROMOTING CIRCULAR ECONOMY

Enforcement of
C&D waste
regulations

Involvement and choice
of building and
infrastructure owners

Public
procurement
writing



RESPECT DE LA RÈGLEMENTATION - DÉCHETS DU BTP

ENFORCEMENT OF C&D WASTE REGULATIONS

□ French (European) waste regulation

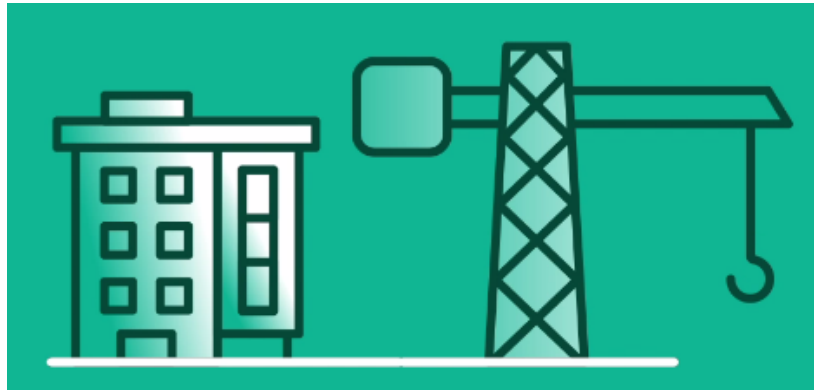
- Respect environmental, health and safety rules and standards
- Participate in achieving the national objective of recovering 70% of non-hazardous construction waste by 2020
- Prevent and follow the waste hierarchy (preparing for re-use, recycling, other recovery before disposal)
- Acquire datas about waste's and materials' chemical and physical characteristics
- Sort materials
- Track and trace of all C&D waste generated from initial building and infrastructure owners to the end user of the recycled products

Circular economy at the heart of French national policies

RESPECT DE LA RÈGLEMENTATION - DÉCHETS DU BTP

ENFORCEMENT OF C&D WASTE REGULATIONS

Building



Waste audit from demolition and refurbishment of buildings

By 2020, the preparing for re-use, recycling and other material recovery, shall be increased to a minimum of 70 % by weight.

Infrastructure

Material supply
 $\geq 60\%$

Comes from re-use, recycling or other material recovery

$\geq 20\%$
Form layer

$\geq 30\%$
Seat layer



Circular economy at the heart of French national policies

IMPLICATION DES DONNEURS D'ORDRE PUBLICS INVOLVEMENT AND CHOISE OF BUILDING AND INFRASTRUCTURE OWNERS



Actions have to be written in public procurement : project management and works contract

INSCRIPTION DANS LES MARCHÉS PUBLICS

PUBLIC PROCUREMENT WRITTING

❑ Waste audit - objectives are to know

Law about certain buildings

- Diagnosticiant name and qualification
 - Date and the parts of the building visited
 - List of documents consulted
 - Location, nature and quantity of materials and wastes
 - Conservation state of the materials
 - Possibilities of reuse on the site, on other sites or through other reuse channels (with quantities)
 - Identification of local channels for reuse, recycling, other material recovery, or elimination
 - Precautions for removal, storage and transport
- Technico-economic scenario of the valuation
 - Material appearance phasing depending on the project execution

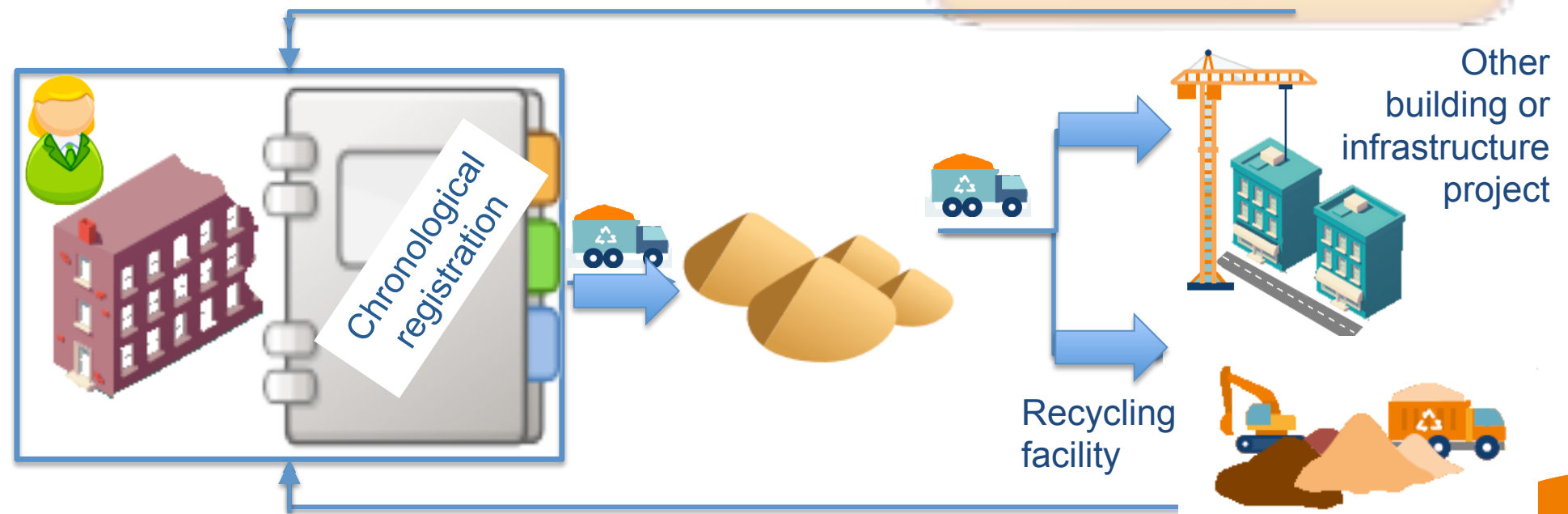
Waste audit is an essential action to promote circular economy projects
Waste audit is part of contractual document in public procurement

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PUBLIC PROCUREMENT WRITTING

- ❑ Transparency and traceability throughout the C&D waste management process

- ✓ Project information
- ✓ Type and quantity of waste
- ✓ Transport companies
- ✓ Transit facility
- ✓ Final valuation or disposal



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❑ Deconstruction and construction organization

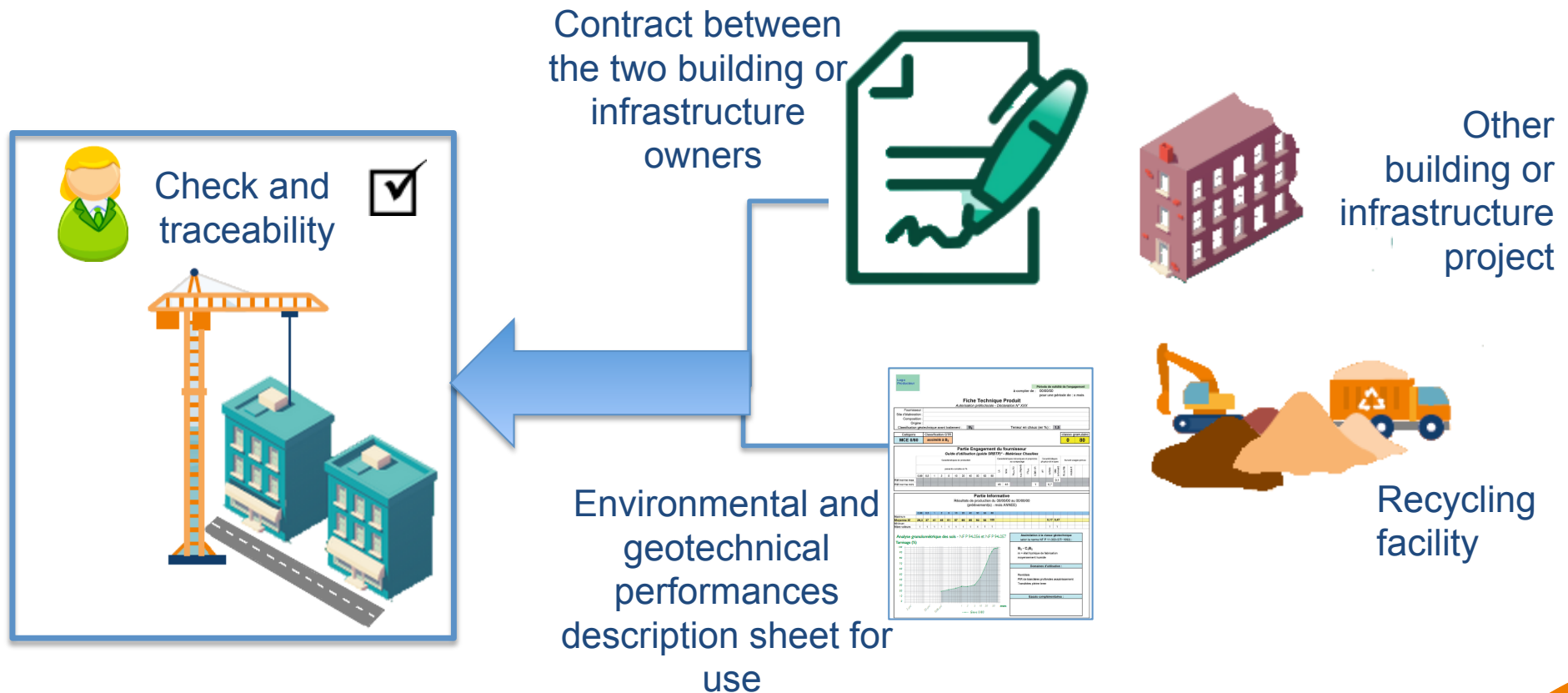
- Waste management plans (how?)
- Source separation (recycling possibility, quality of recycled aggregates and materials)
- Preparation for re-use and recycling depending on the site characteristics

❑ Provide incentives for promoting the use of C&D recycled materials

- draft the contract to obtain the materials performances

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❑ Control recycled materials



THANKS FOR LISTENING

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