



MINISTÈRE DE LA TRANSITION ÉNERGÉTIQUE

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ENERGY EFFICIENCY 1ST PRINCIPLE 2 EXAMPLES IN FRANCE

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EED-CA, 21ST OF MARCH 2023
Angélique LEQUAI (MTE/DGEC)

EE FIRST PRINCIPLE IN THE EED RECAST

- **EE first principle in the EED recast :**

Extract from the 4-column document dated 21/02/2023

/.../ Member States shall ensure that energy efficiency solutions, including demand-side resources and system flexibilities, are assessed in the **planning, policy** and **major investment decisions** of a value of more than 100 million euro each or 175 million euro for transport infrastructure projects /.../

- **2 EXAMPLES FOR « EE FIRST PRINCIPLE » IMPLEMENTATION IN FRANCE**
 - EE PLANNING AT A SUBNATIONAL LEVEL
 - EE FOR PROJECTS, PLANS OF PROGRAMS : REQUIREMENTS OF THE IMPACT STUDIES

EE PLANNING AT A SUB-NATIONAL LEVEL

Example of the Nouvelle-Aquitaine region

- **REGIONAL PROGRAM FOR ENERGY EFFICIENCY (PREE)**
 - **Main objective** : elaboration of an operational regional strategy on EE policy
 - **Legislative background** :
 - Description of the PREE (L. 222-2, environment code) :
 - **PREE content** : financing, one-stop-shop, building renovation, etc.
 - **PREE objectives** : based on the objectives set up in regional schemes :
 - Regional scheme for urban planning, sustainable development and equity (SRADDET),
 - Climate, air and energy regional scheme (SRCAE), etc.
 - **Responsibility for elaboration** : regional prefect

EE PLANNING AT A SUB-NATIONAL LEVEL

Example of the Nouvelle-Aquitaine region

• PREE IN NOUVELLE-AQUITAINE

- Released in March 2020
- **Main objectives :**
 - To increase the energy & environmental performance of the **residential sector** ;
 - To start the dynamic for **tertiary** building renovation ;
 - To develop **public / private partnerships** ;
 - To increase every **stakeholder's involvement** for energy sobriety and adaptation du climate change.
- **Co-construction with regional stakeholders, toward a shared governance :**
 - Public authorities (region, departments)
 - Private stakeholders : wide range of sectors (finance, architecture, energy providers, social professionals, etc.)
- **Practical information sheet for every objective / sub-objective**
- **Access :** https://www.nouvelle-aquitaine.fr/sites/default/files/2020-07/PREE_Nouvelle-Aquitaine.pdf



Nouvelle-Aquitaine region , France

EE IN A PROJECT ENVIRONMENTAL IMPACT STUDIES

Requirements of the French environmental code

- **Environmental assessment for projects and plans / programs**
 - **Systematic or based on case-by-case analysis** : depends on the project / program/ plan's characteristics

ELIGIBLE PROJECTS [R. 122-2 OF THE ENVIRONMENT CODE]

- INDUSTRIAL FACILITIES
- TRANSPORT INFRASTRUCTURES
- ENERGY PRODUCTION / TRANSPORTATION FACILITIES, ETC.

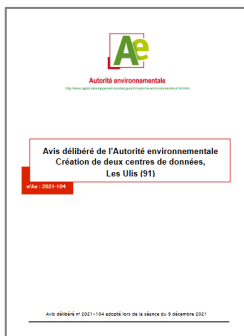
ELIGIBLE PLANS & PROGRAMS [R. 122-17 OF THE ENVIRONMENT CODE]

- NATIONAL MULTI ANNUAL ENERGY PLAN (MEP)
- CLIMATE, AIR AND ENERGY REGIONAL PLAN,
- ETC.

EE IN A PROJECT ENVIRONMENTAL IMPACT STUDIES

Requirements of the French environmental code

- **Environmental assessment (EA) for eligible projects, plans & programs**
 - The EA includes an **environment impact study** which should describe (R. 122-5, environment code)
 - the **energy demand and energy use**,
 - its negative incidence on the environment (air, soil, **climate, health, etc.**),
 - **alternative solutions** that have been studied by the project owner
 - The EA is evaluated by **a competent environmental authority**
 - Example an EA evaluation (2021) : construction of two data centers (60 + 36 MW)



No alternative was presented related to the project location that might conduct to /.../ the possibility to recover waste heat /../

*It has not been proved that the **energy efficiency of the site cannot be improved**, either for the reduction of electrical consumption /.../ or for the recovery of waste heat /.../.*

The environmental authority recommends to initiate a consultation about the waste heat recovery. /.../

Access : https://www.igedd.developpement-durable.gouv.fr/IMG/pdf/211209_centre_donnees_ulis91_delibere_cle26febfbf.pdf



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