

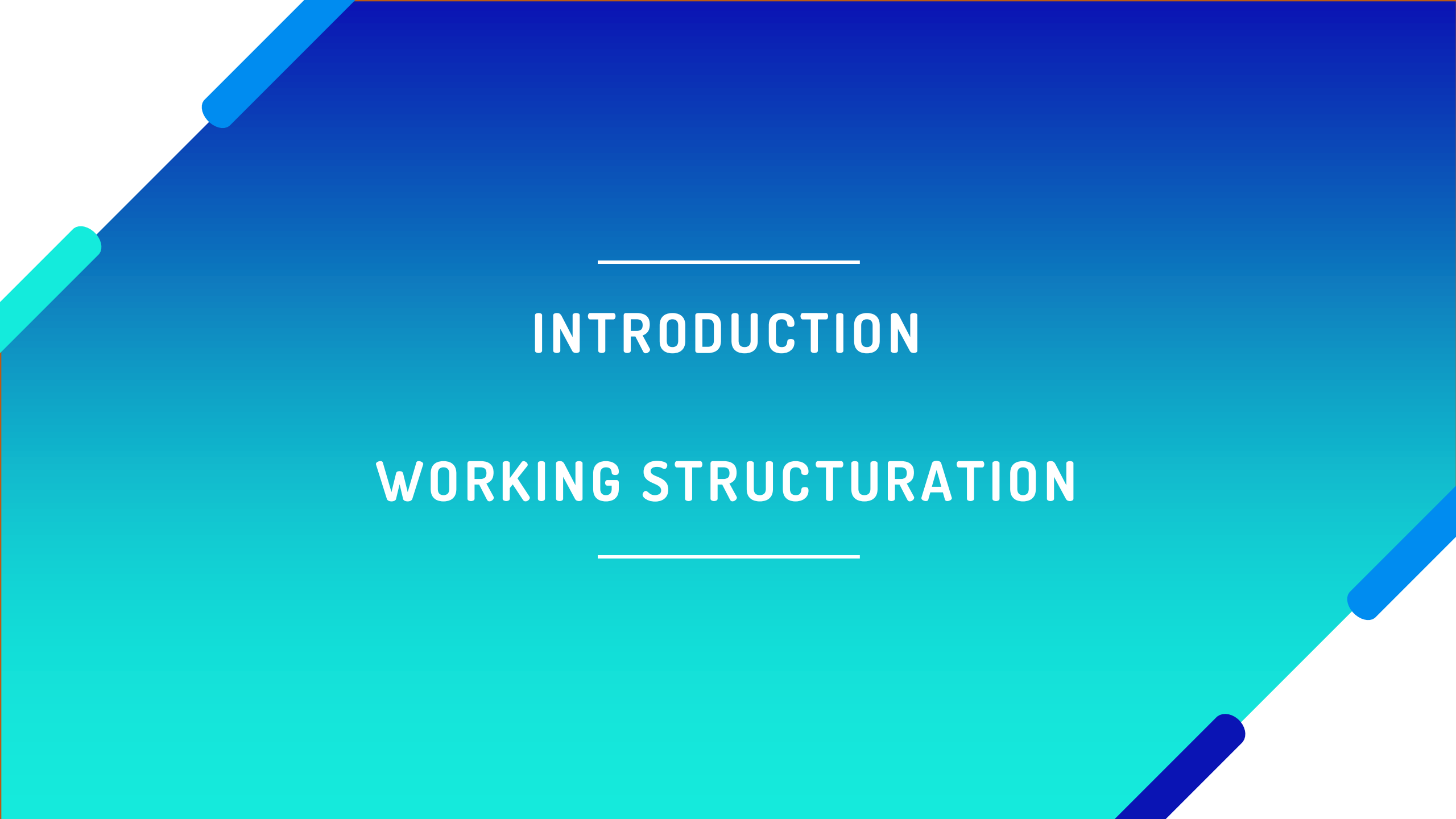
FRENCH APPROACH ON DECARBONIZING CONSTRUCTION EQUIPMENT

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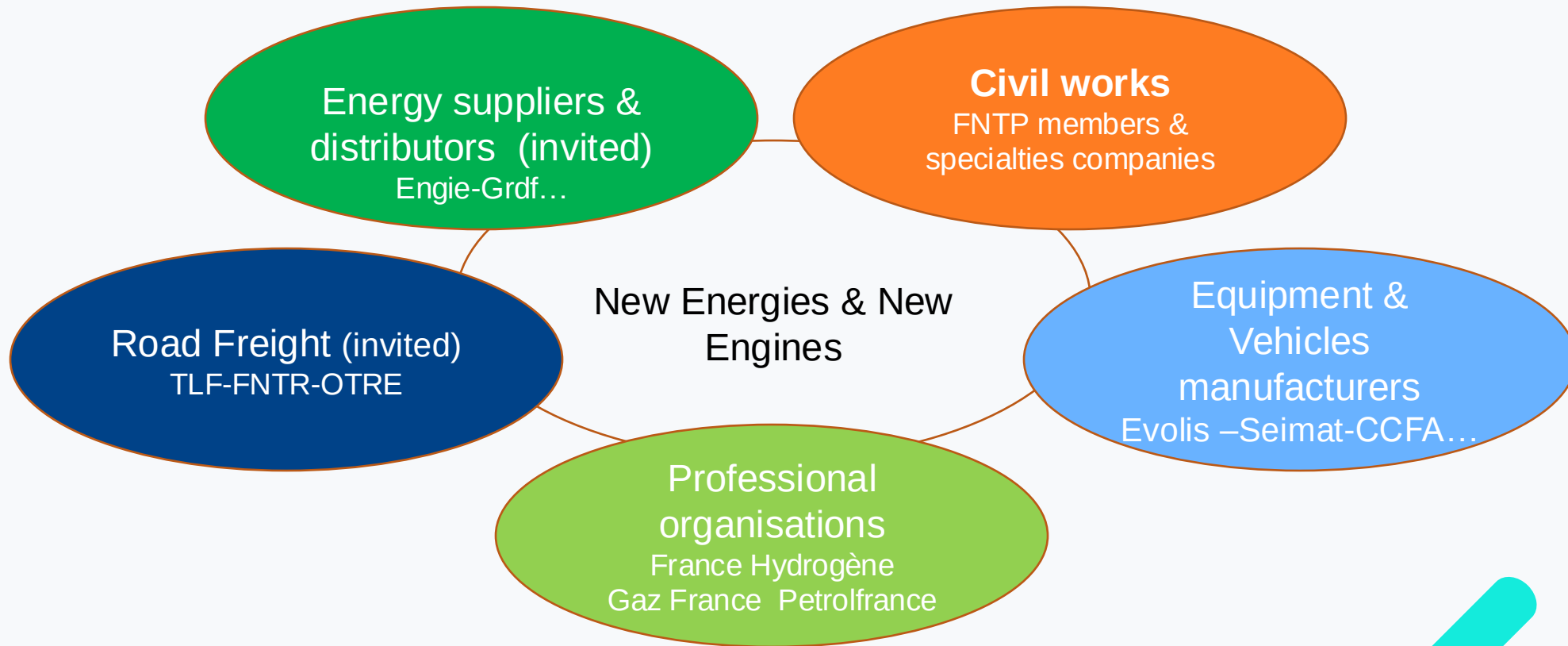


INTRODUCTION

WORKING STRUCTURATION

FRENCH APPROACH ON DECARBONIZING CONSTRUCTION EQUIPMENT

FNTP : french Professional organisation for infrastructure construction
8700 companies in France – 300.000 employees
Started in 2020 « New Energies, New Engines » working group



FRENCH APPROACH ON DECARBONIZING CONSTRUCTION EQUIPMENT



November 2021



November 2023

FRENCH APPROACH ON DECARBONIZING CONSTRUCTION EQUIPMENT



5 professional organisations started in 2021

- 2 construction equipment manufacturers (French based / importers) members of CECE
- 1 rental equipment association member of ERA
- 2 construction companies (buildings / infrastructures) members of FIEC



CONTACTS WITH ADMINISTRATION

FRENCH APPROACH ON DECARBONIZING CONSTRUCTION EQUIPMENT



Working groups created with

- Ministère de la Transition Ecologique et de la Cohesion des Territoires
- Secrétariat Général de la Planification Ecologique

Specific working group GT5 on construction equipment

FRENCH APPROACH ON DECARBONIZING CONSTRUCTION EQUIPMENT

Greetings with

Electric for compact

Hydrogen for Large

Messages for 3 French Ministers

Transition écologique

Christophe Béchu

Transport

Clément Beaune

Transition Energétique

Agnès Pannier-Runacher

- Off-road equipment are off road !
- Hundreds of different types – low quantities
- Worksites anywhere in the country

So key issue is energy logistics



FRENCH APPROACH ON DECARBONIZING CONSTRUCTION EQUIPMENT

Main issues with different energies

Electricity

Connection to the grid

Hydrogen

Huge volumes (x10 to x20 depending on pressure) and safety in inner cities

HVO

Availability & air quality

Biogas

Availability & air quality & Volumes

FRENCH APPROACH ON DECARBONIZING CONSTRUCTION EQUIPMENT



Plan National Energie Climat

Construction equipment top priorities



COMMUNICATION

Toute la filière BTP
résolument mobilisée
pour mieux construire demain.

#dé
car
bona
tion

CONJOINTEMENT AU SALON



2024
**iNTER
MAT.**

PARIS
24 - 27 AVRIL 2024

Salon des solutions
& technologies durables
pour la construction



WHAT'S NEXT ?

FRENCH APPROACH ON DECARBONIZING CONSTRUCTION EQUIPMENT



Biofuel prioritisation to construction equipment

Recommendations for connecting worksites to the grid when possible

TCO approach (acceptance of extra-costs)



CONCLUSION