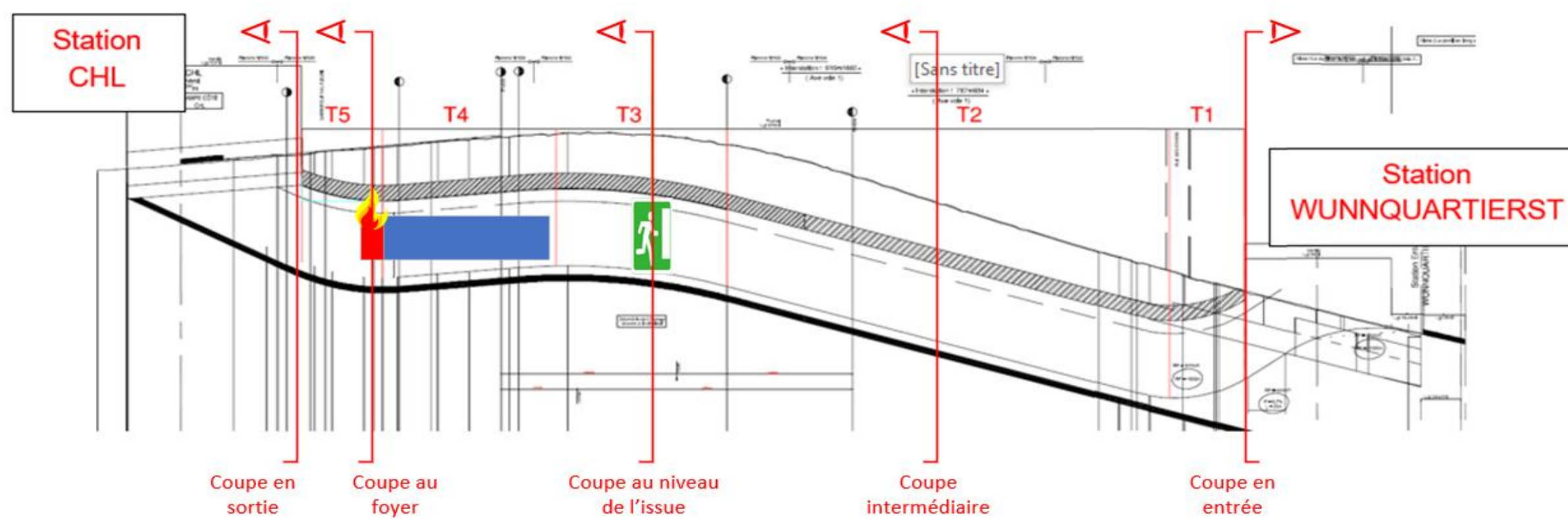


Luxtram
Etude Simulation Incendie
Annexe 1 :
Planches de Résultats du scénario 1



Localisation des différentes coupes dans l'ouvrage

Concentration en monoxyde de carbone

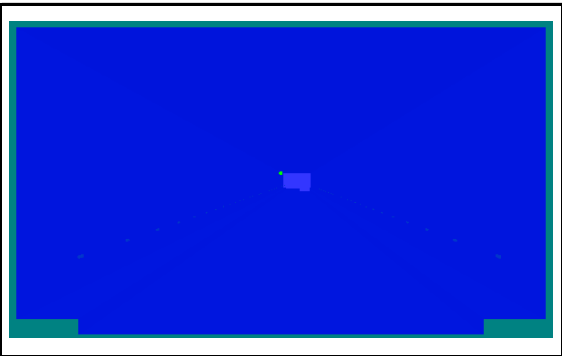
Scénario 1 : Incendie 1 MW - T = 0 s



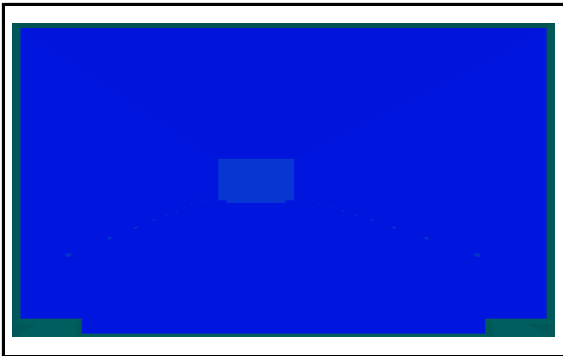
Coupe longitudinale



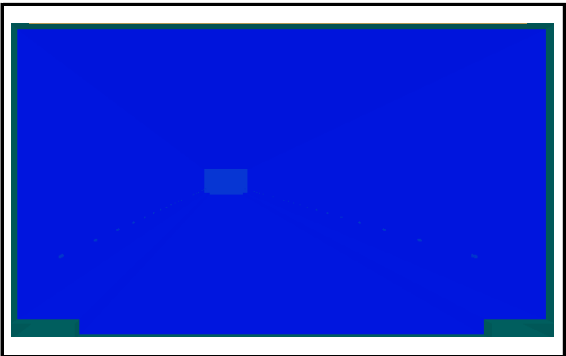
Vue à hauteur d'Homme (z=2m)



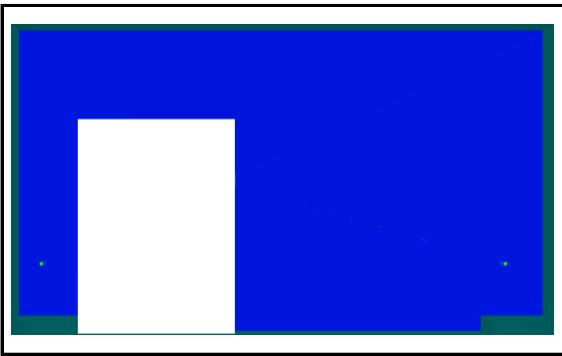
Coupe en entrée



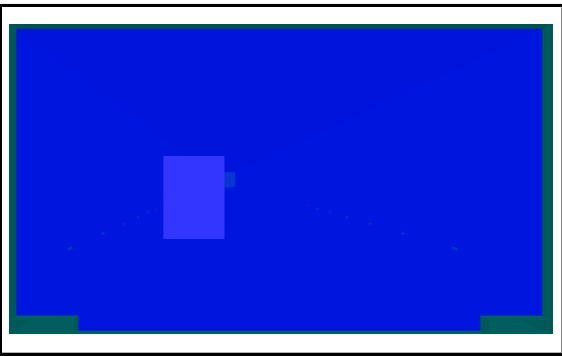
Coupe intermédiaire



Coupe au niveau de l'issue

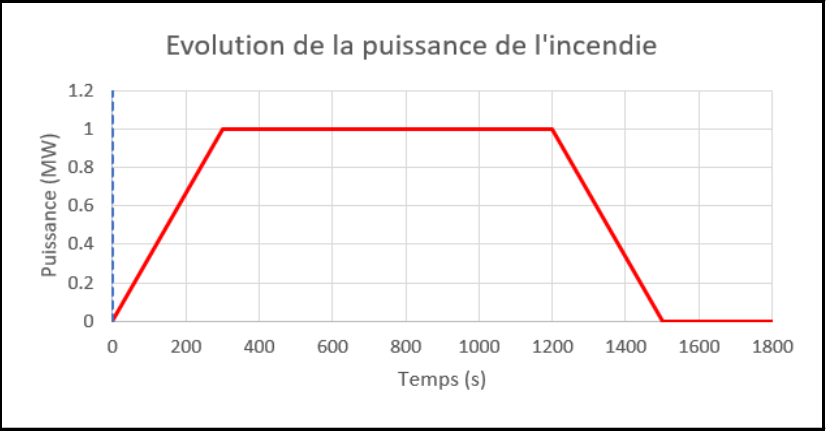
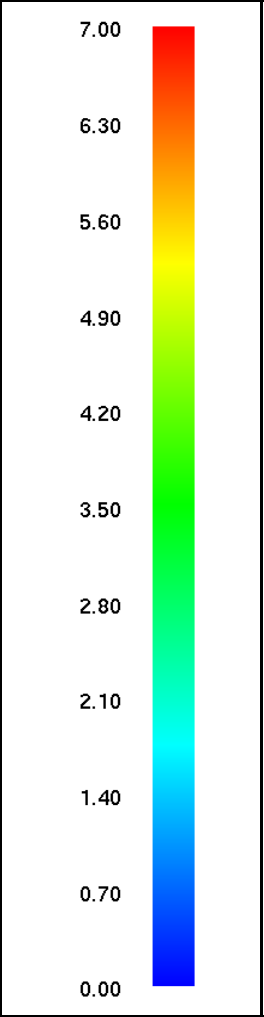


Coupe au droit du foyer



Coupe en sortie

CO
(10³ ppm)



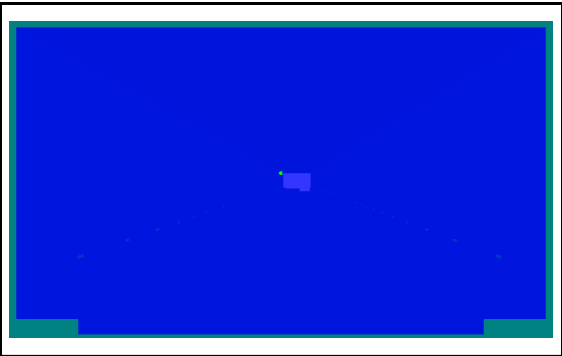
Scénario 1 : Incendie 1 MW - T = 30 s



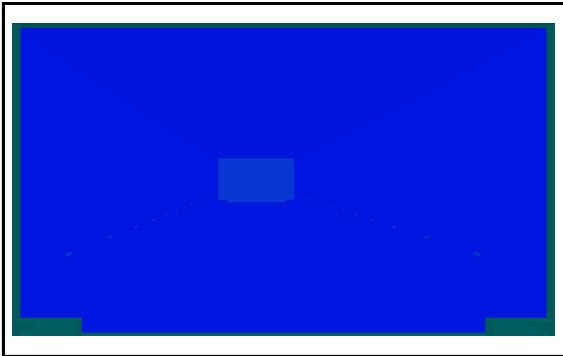
Coupe longitudinale



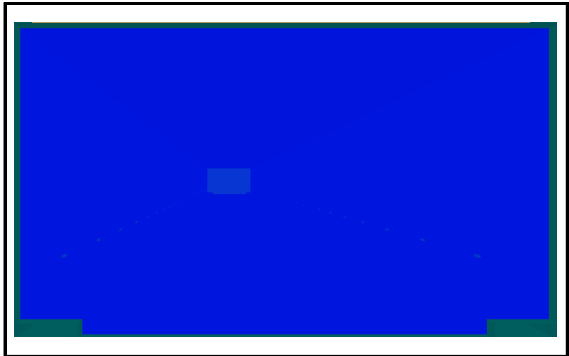
Vue à hauteur d'Homme (z=2m)



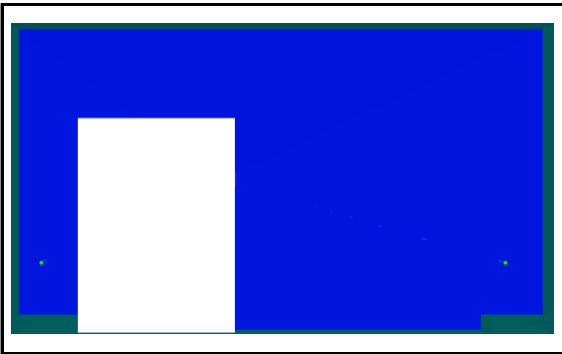
Coupe en entrée



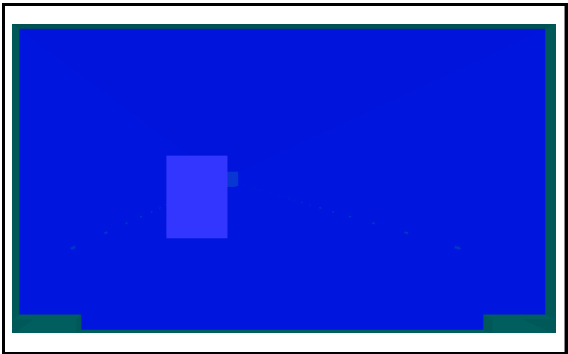
Coupe intermédiaire



Coupe au niveau de l'issue

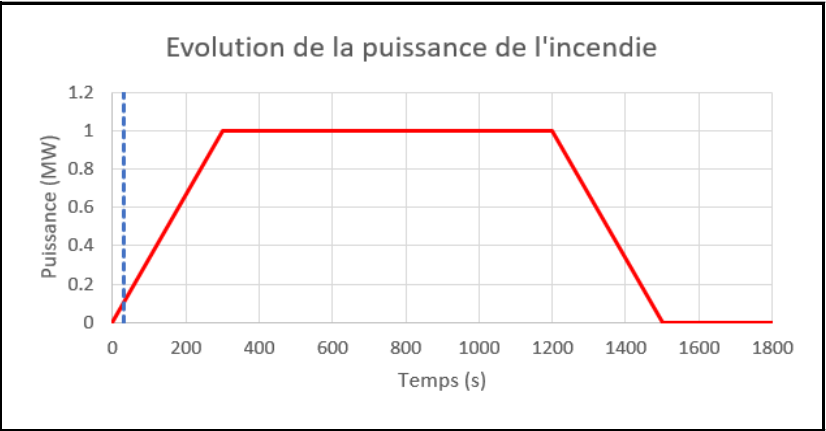
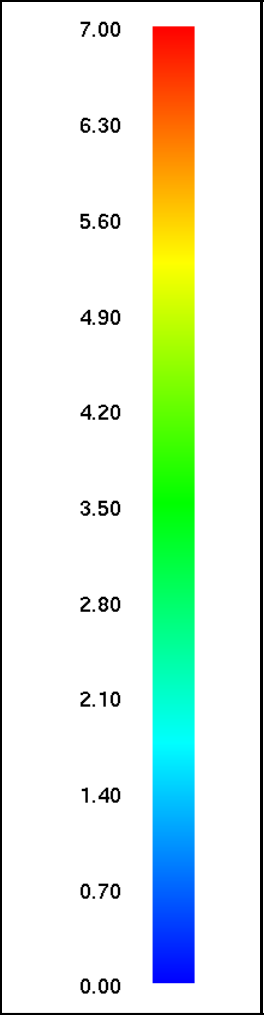


Coupe au droit du foyer



Coupe en entrée

CO
(10³ ppm)



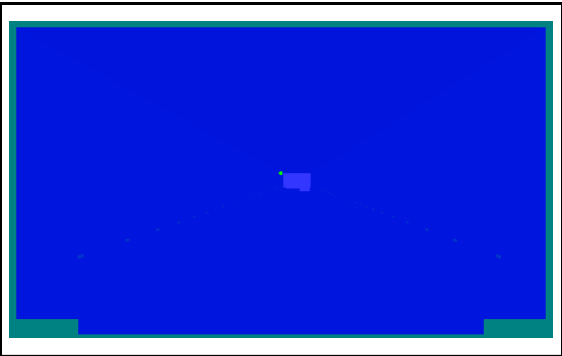
Scénario 1 : Incendie 1 MW - T = 60 s



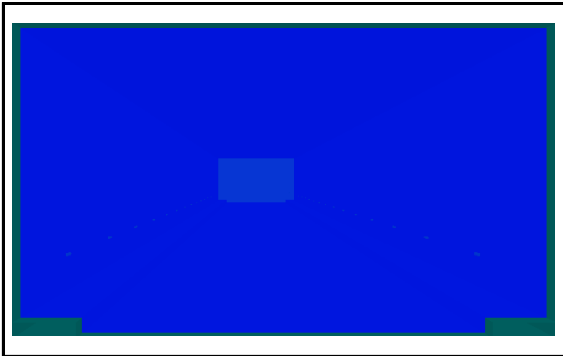
Coupe longitudinale



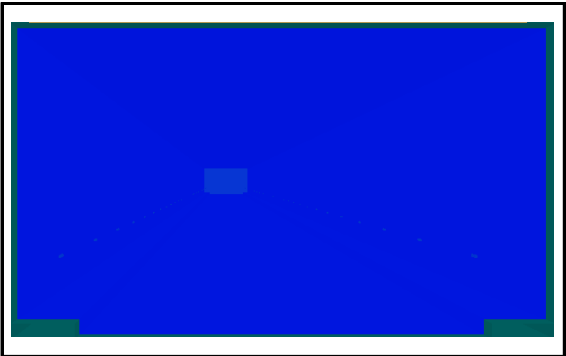
Vue à hauteur d'Homme (z=2m)



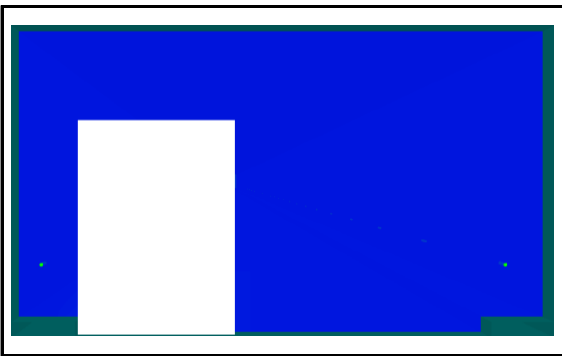
Coupe en entrée



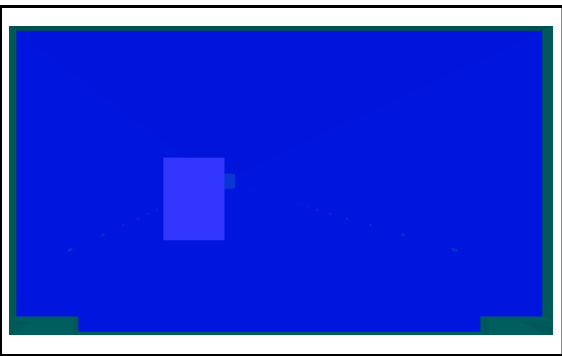
Coupe intermédiaire



Coupe au niveau de l'issue

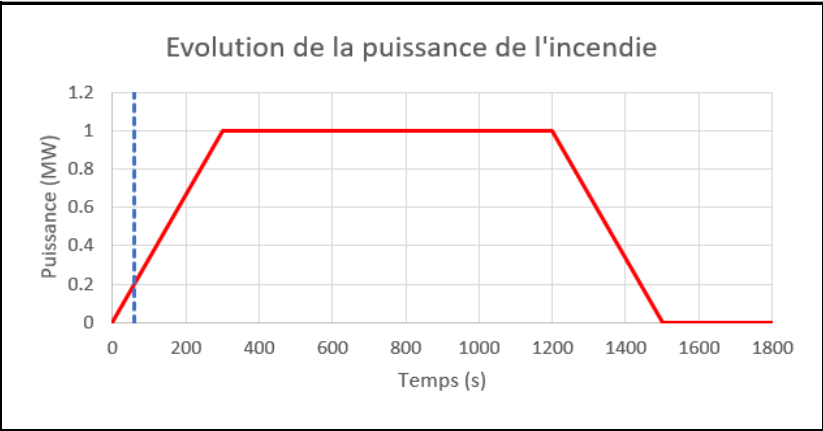
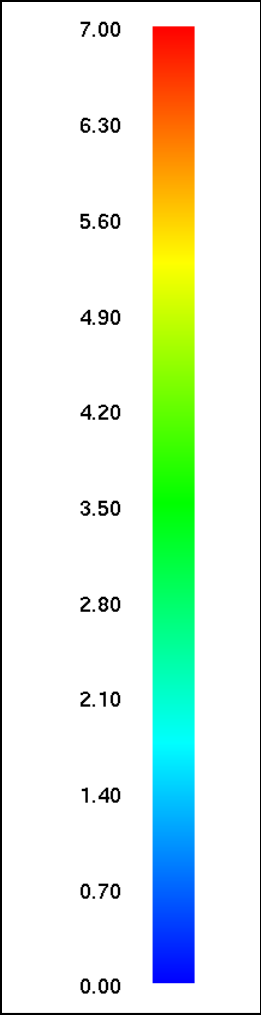


Coupe au droit du foyer



Coupe en entrée

CO
(10³ ppm)



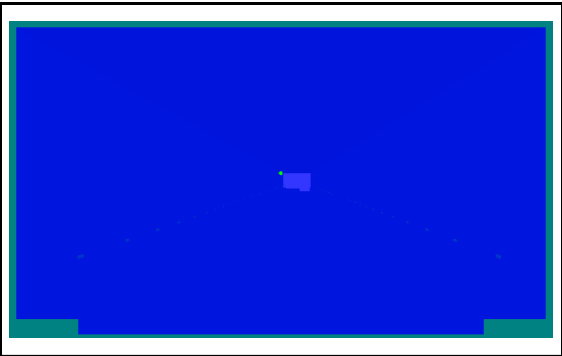
Scénario 1 : Incendie 1 MW - T = 90 s



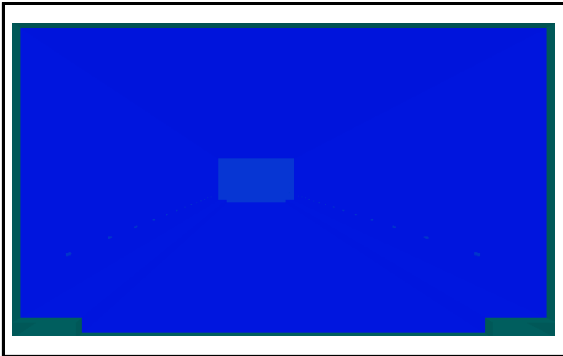
Coupe longitudinale



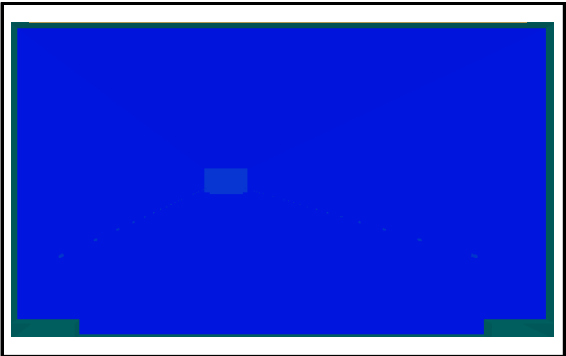
Vue à hauteur d'Homme (z=2m)



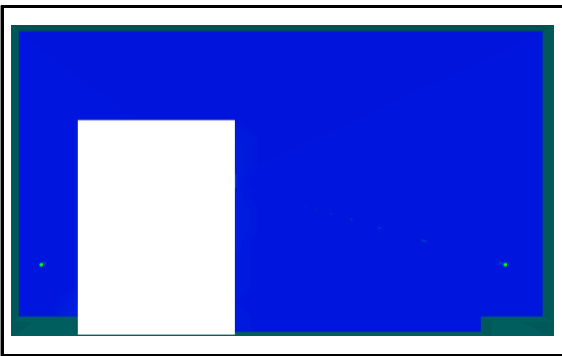
Coupe en entrée



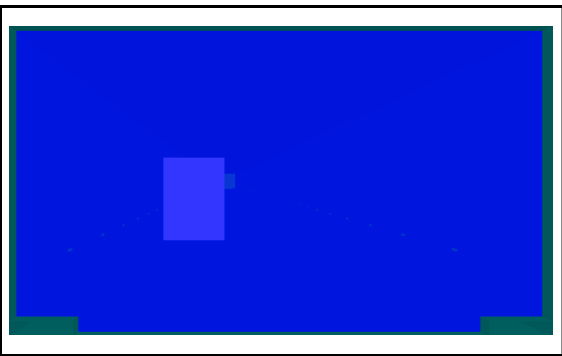
Coupe intermédiaire



Coupe au niveau de l'issue

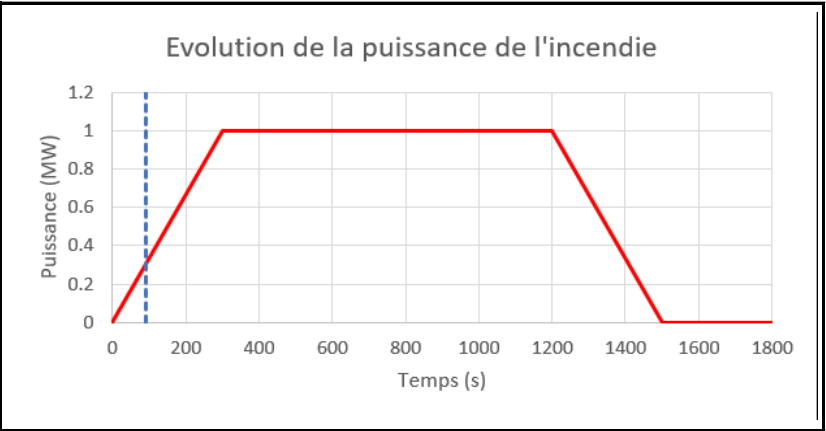
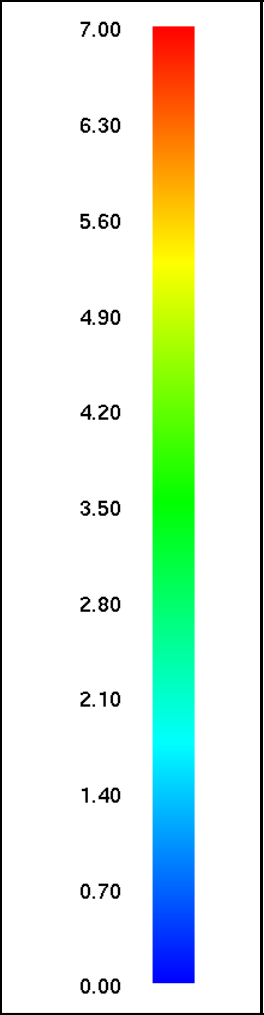


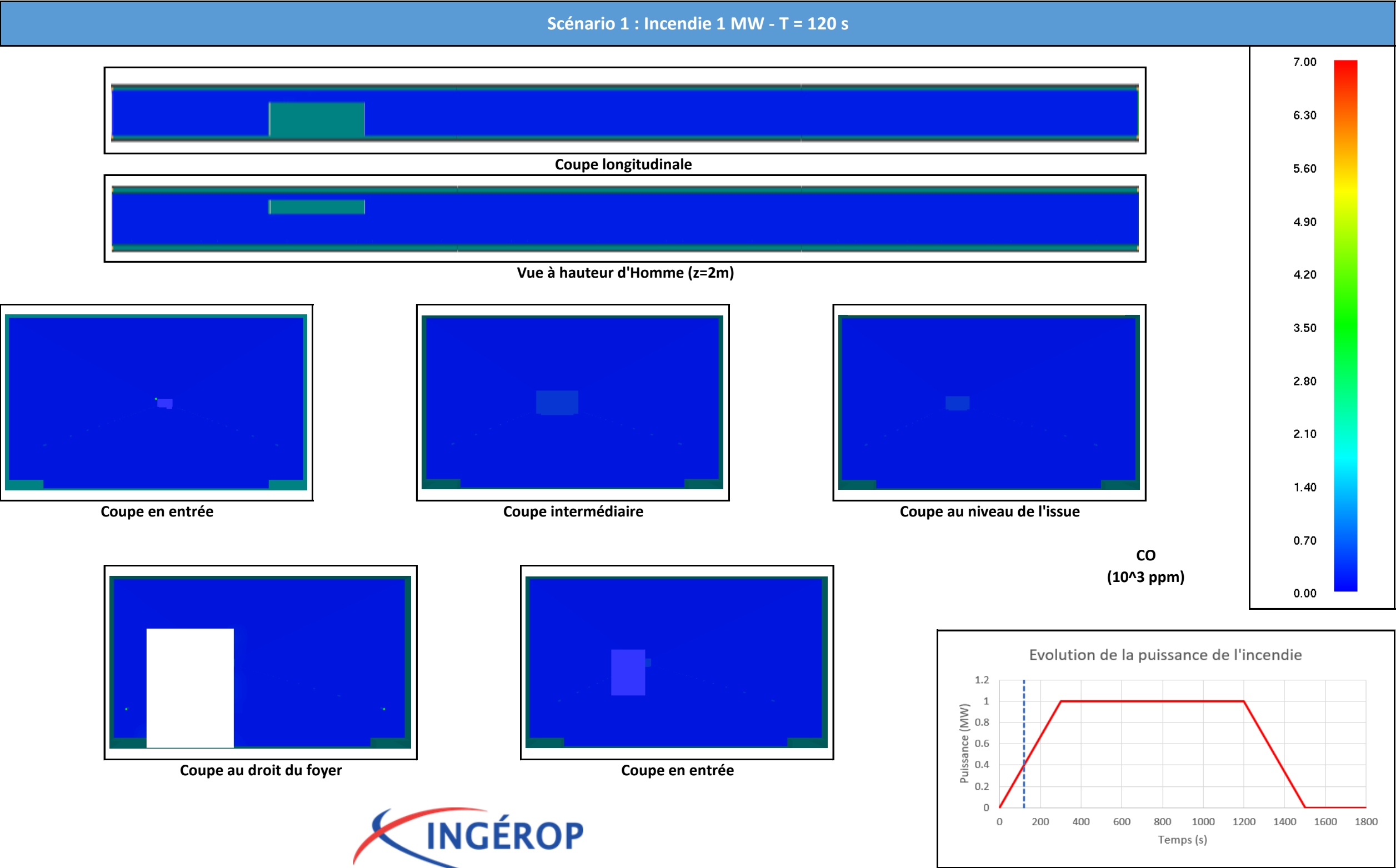
Coupe au droit du foyer

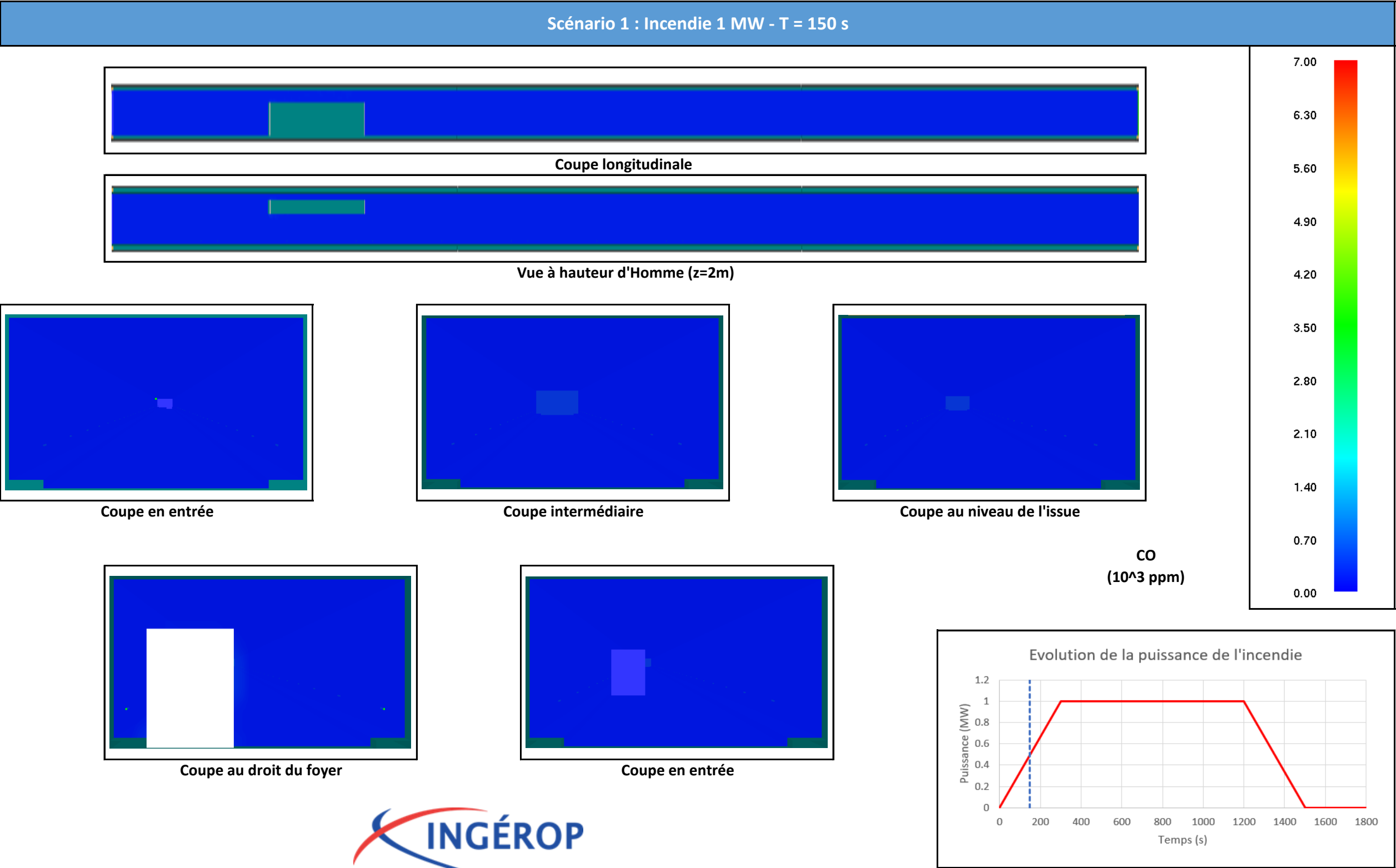


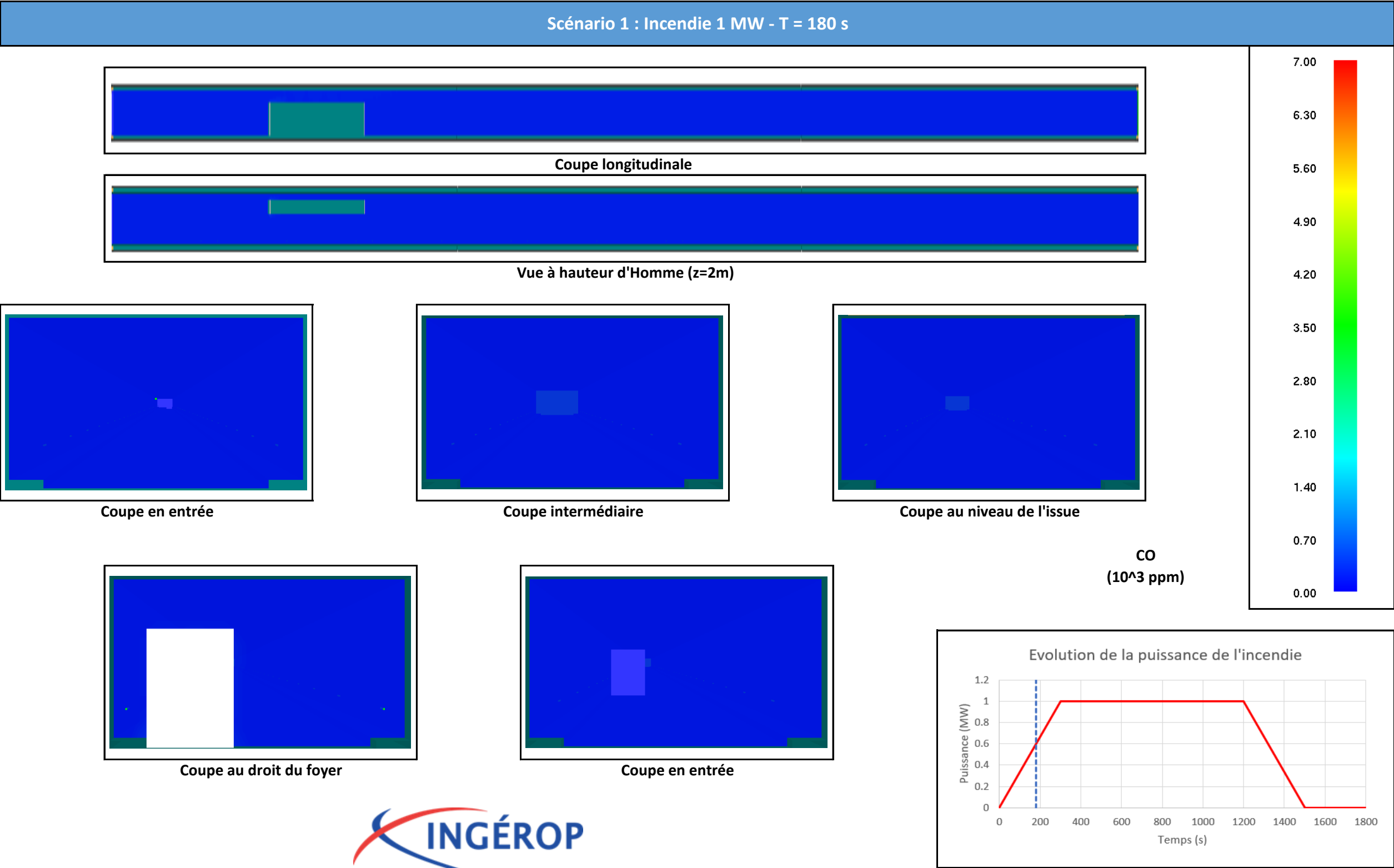
Coupe en entrée

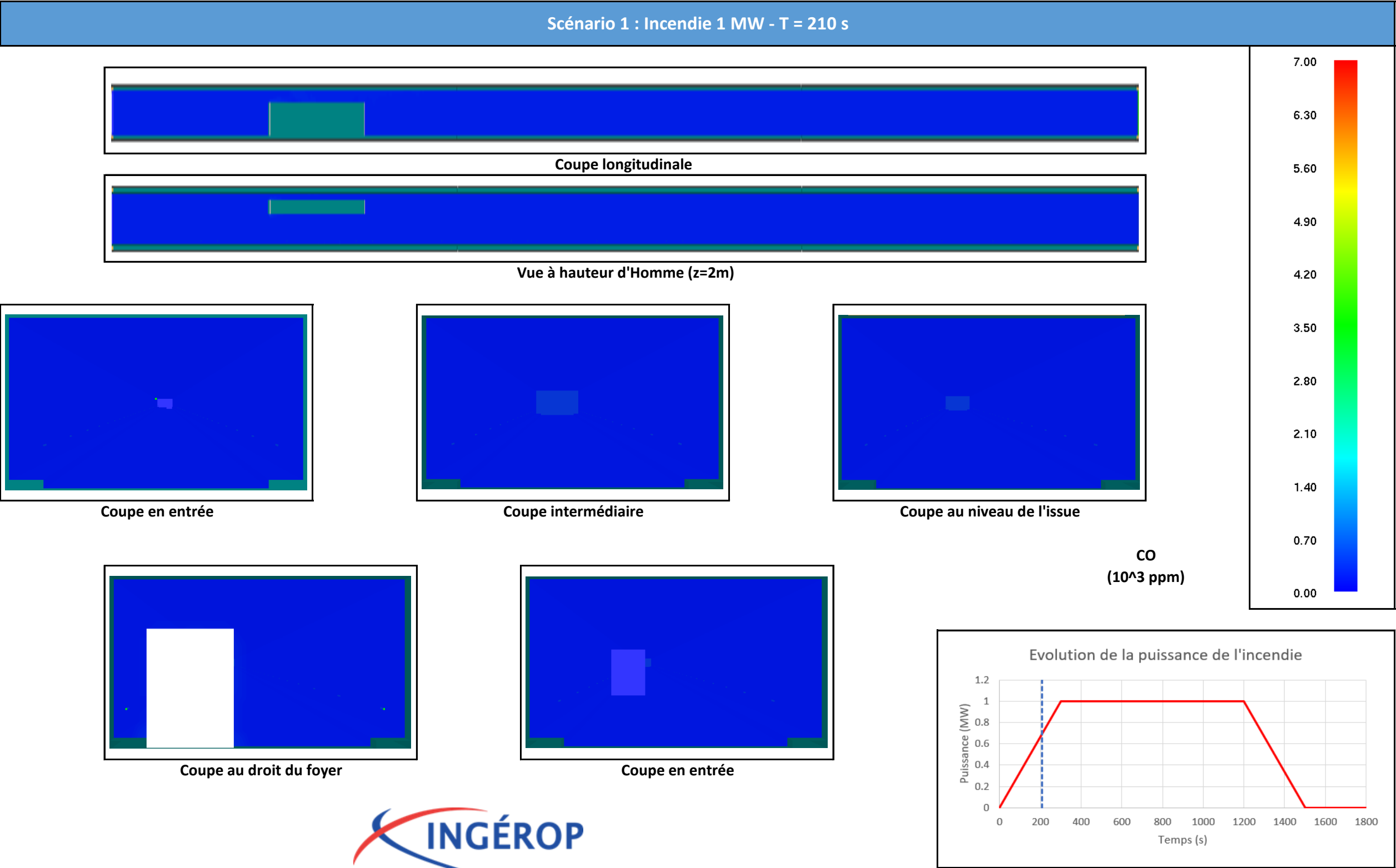
CO
(10³ ppm)

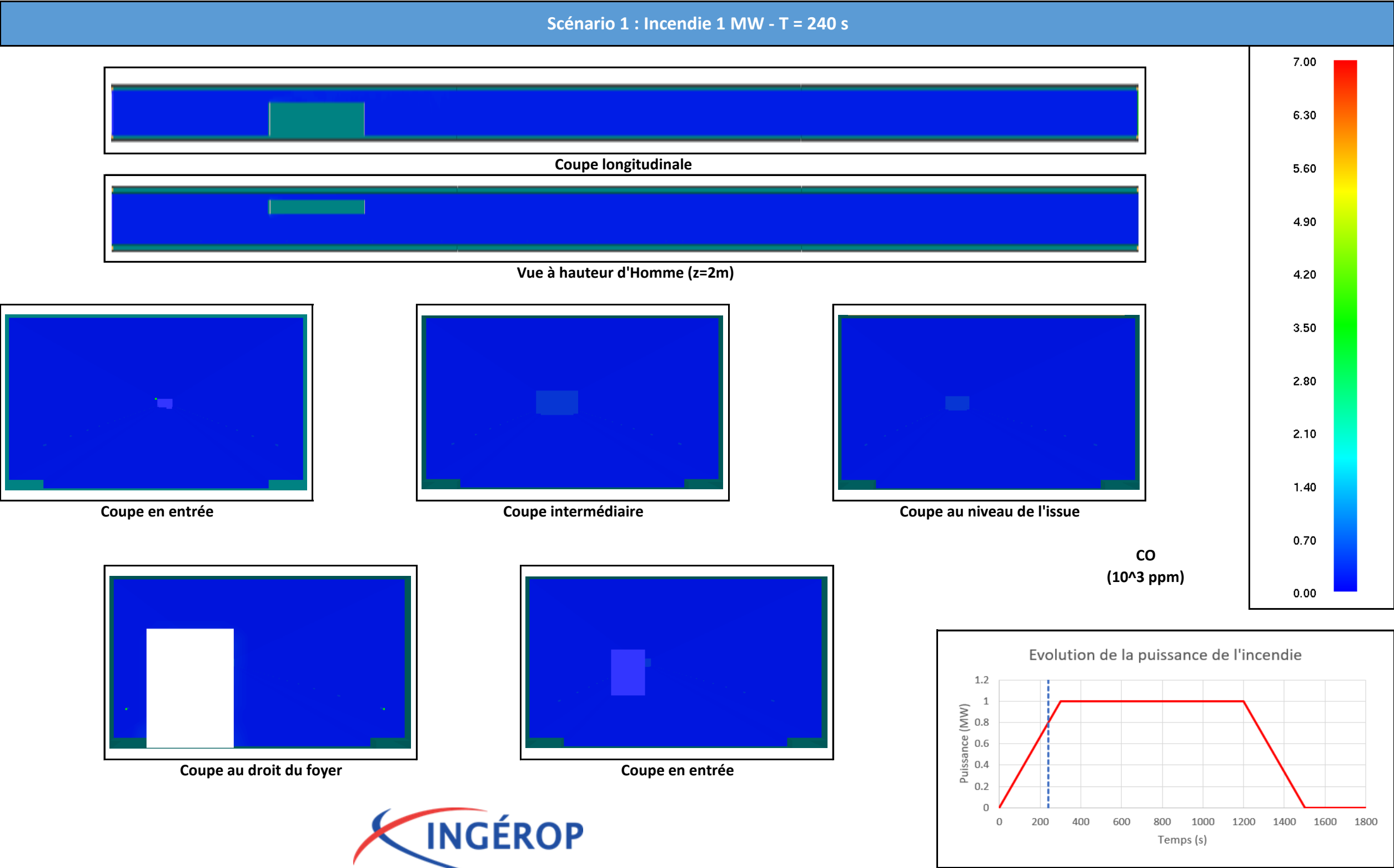












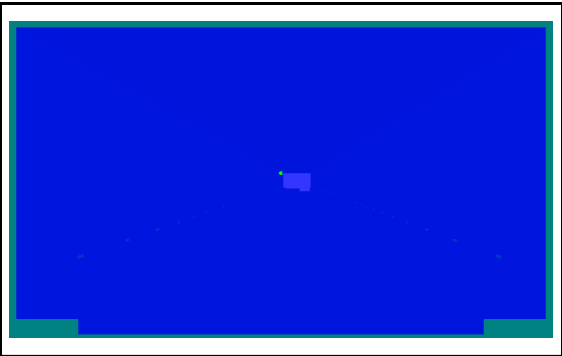
Scénario 1 : Incendie 1 MW - T = 270 s



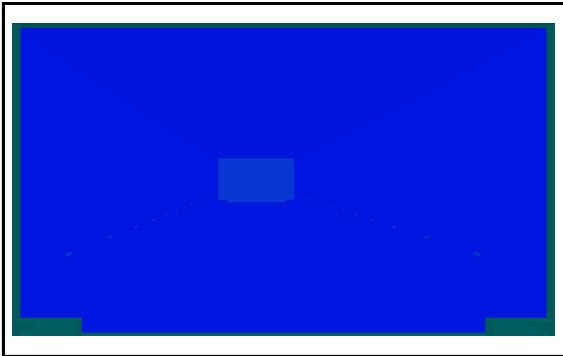
Coupe longitudinale



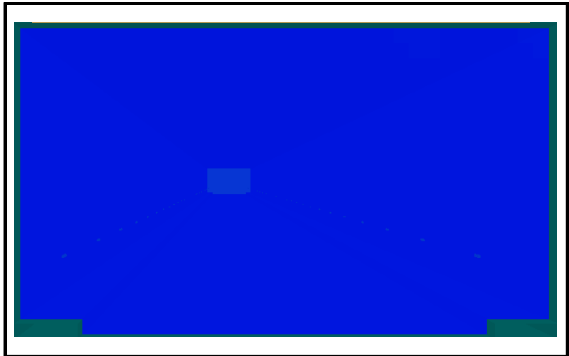
Vue à hauteur d'Homme (z=2m)



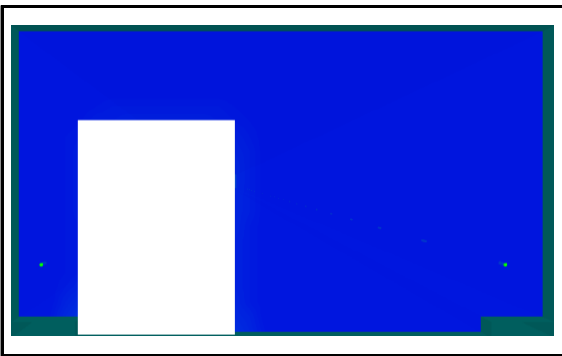
Coupe en entrée



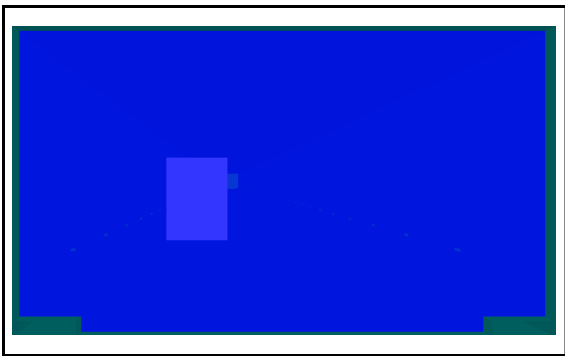
Coupe intermédiaire



Coupe au niveau de l'issue

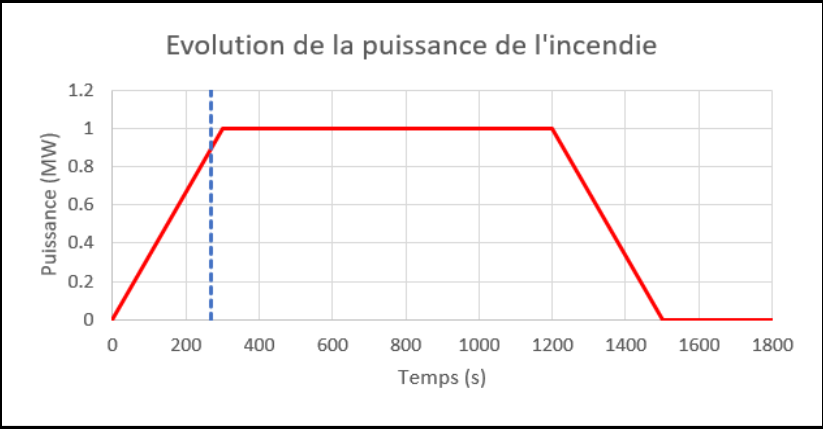
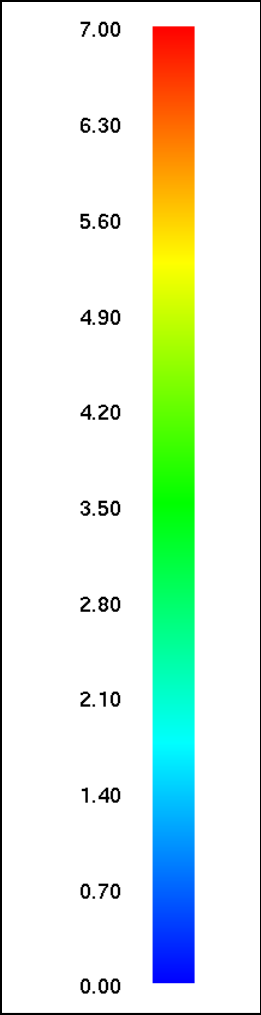


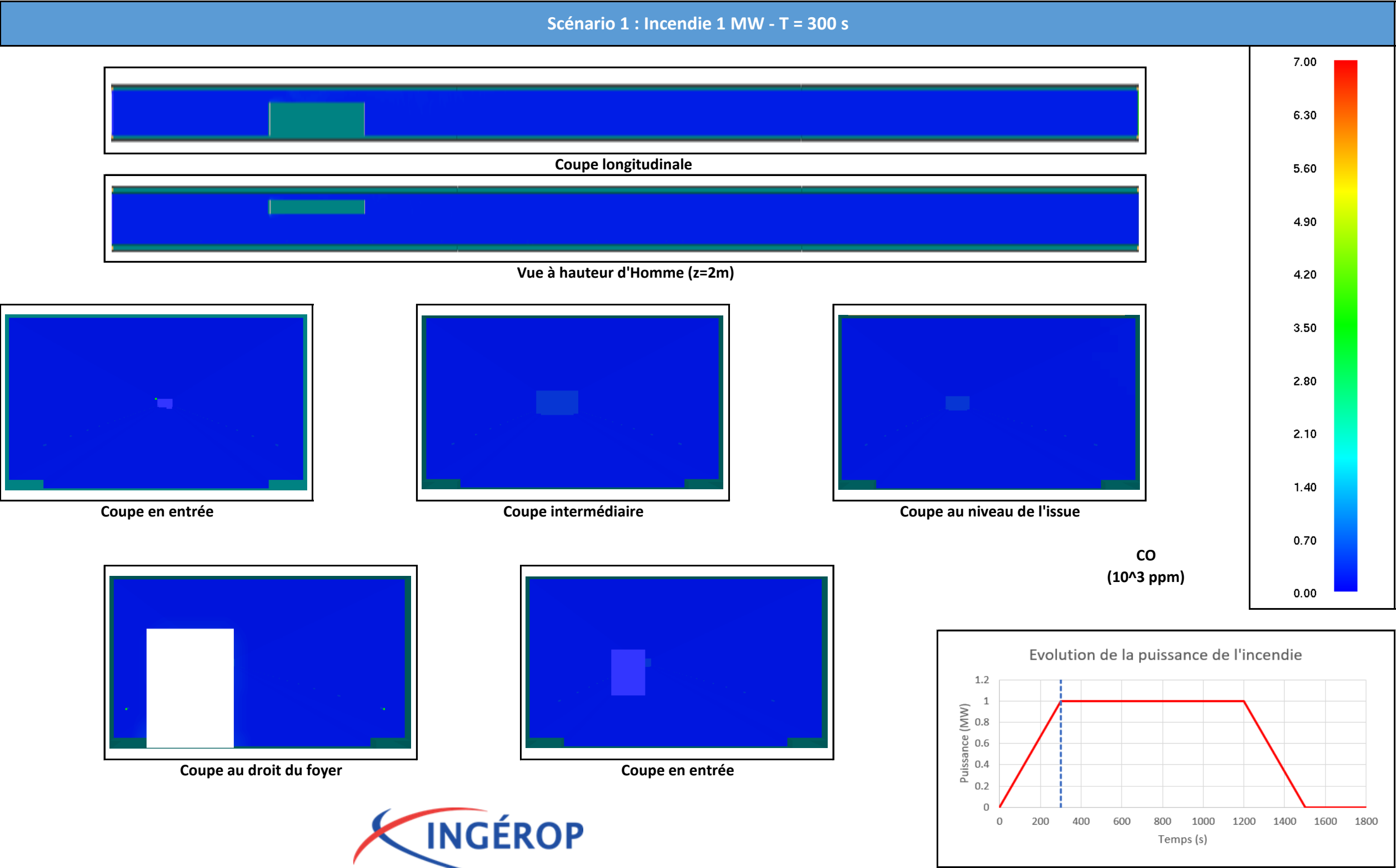
Coupe au droit du foyer

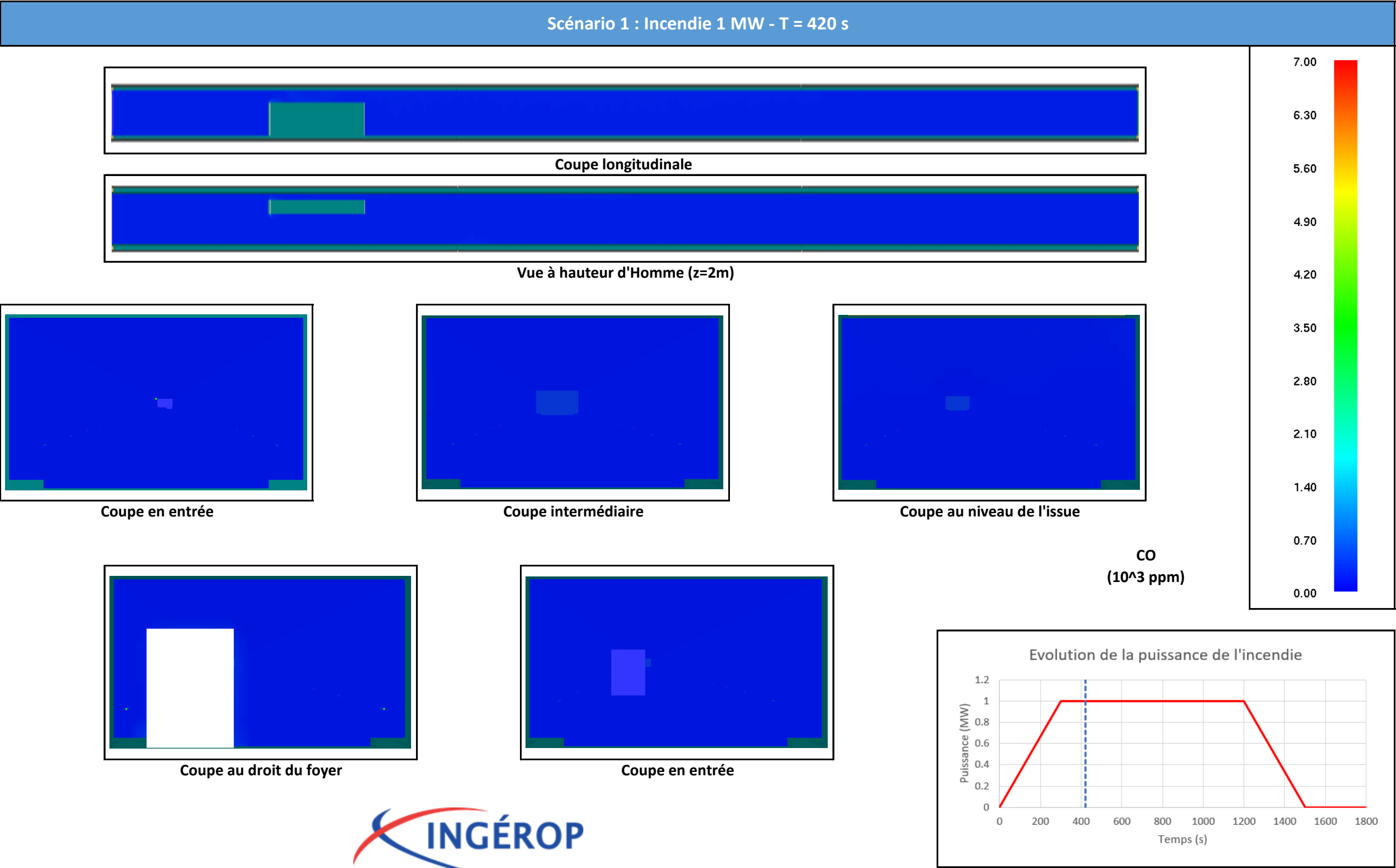


Coupe en entrée

CO
(10³ ppm)







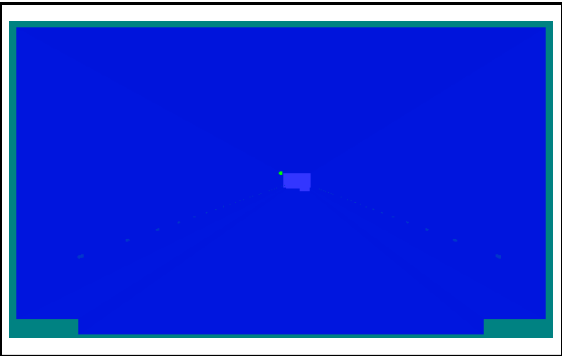
Scénario 1 : Incendie 1 MW - T = 600 s



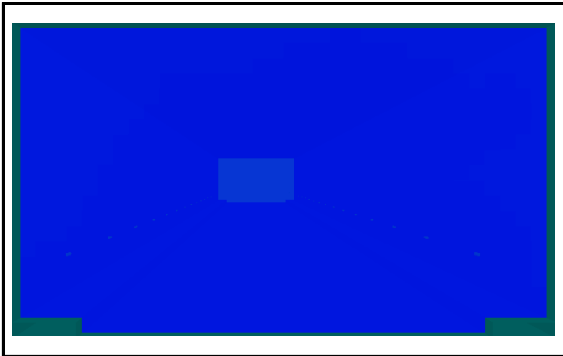
Coupe longitudinale



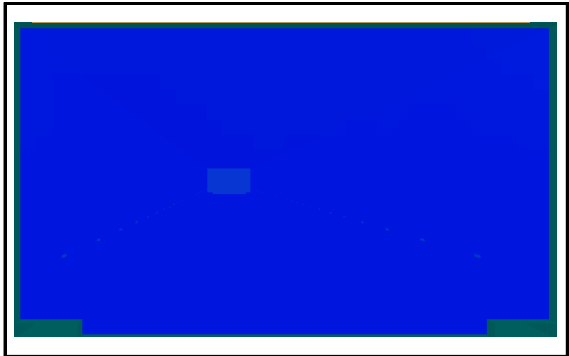
Vue à hauteur d'Homme (z=2m)



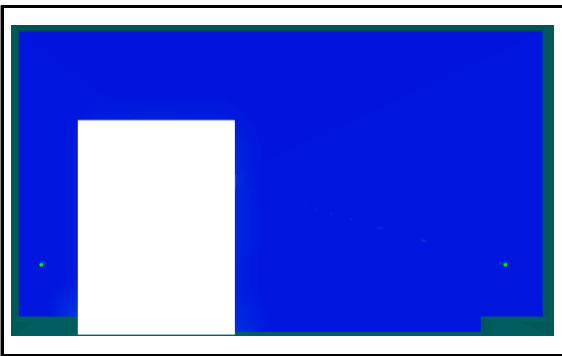
Coupe en entrée



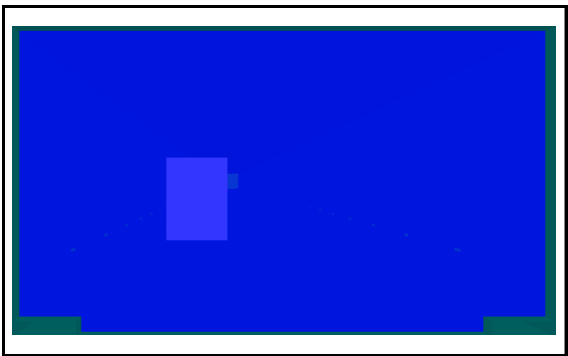
Coupe intermédiaire



Coupe au niveau de l'issue

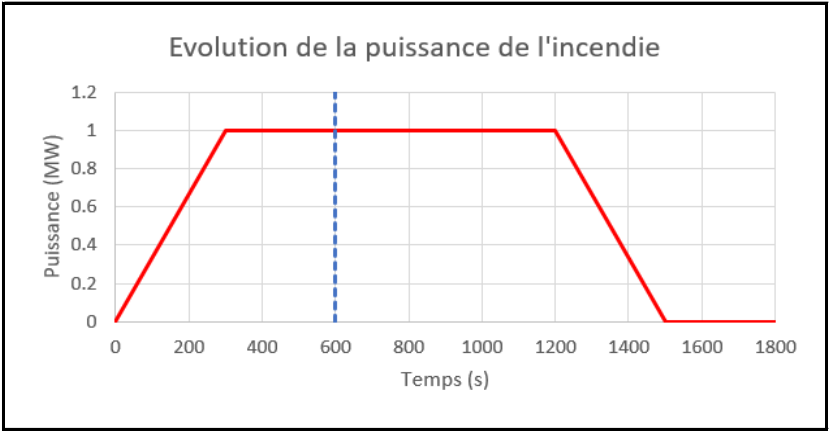
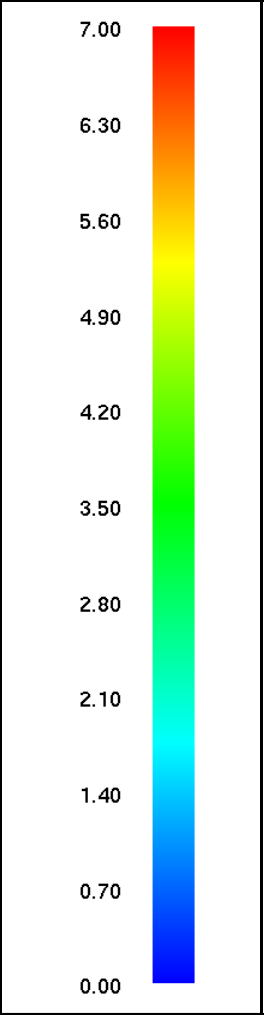


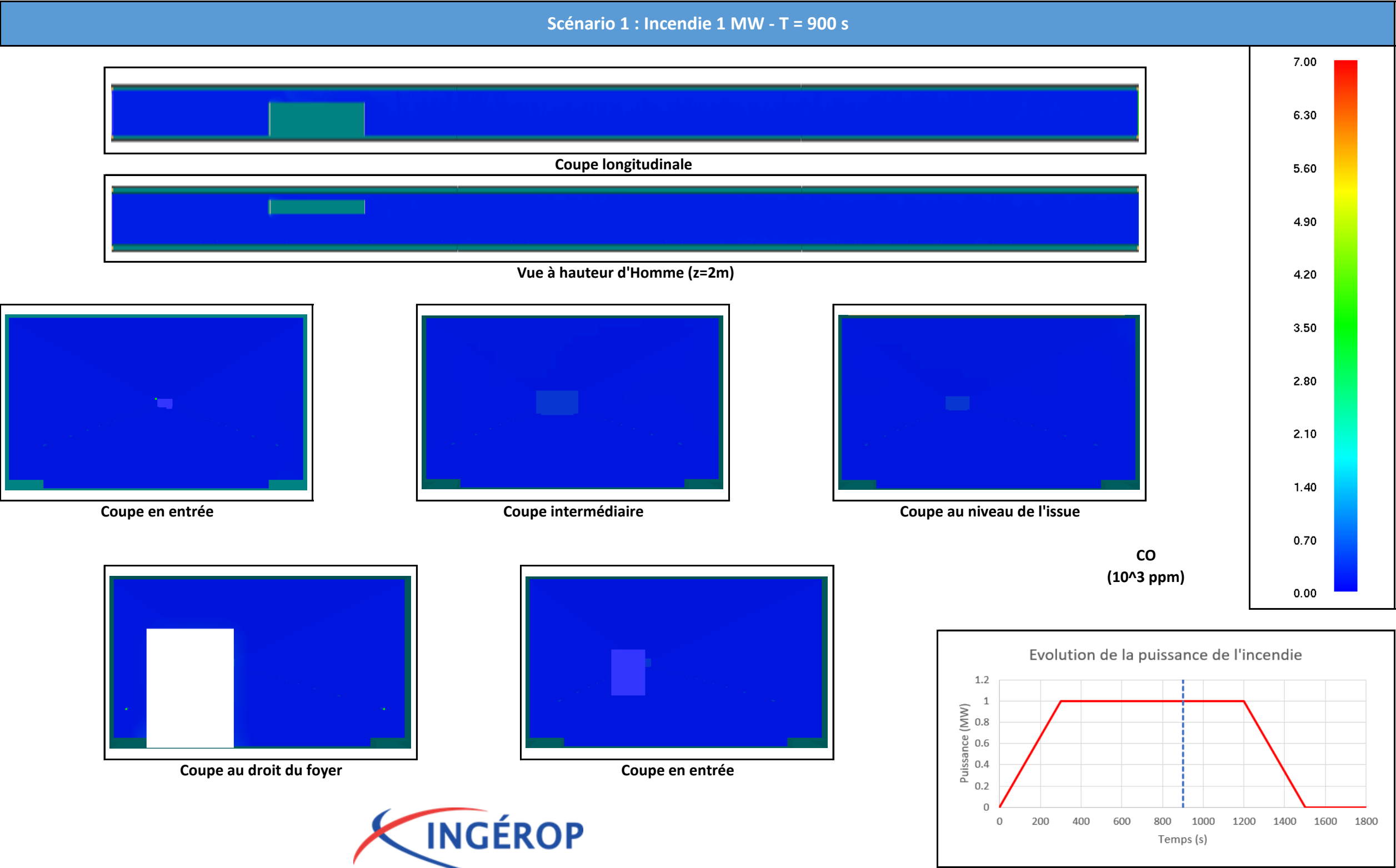
Coupe au droit du foyer

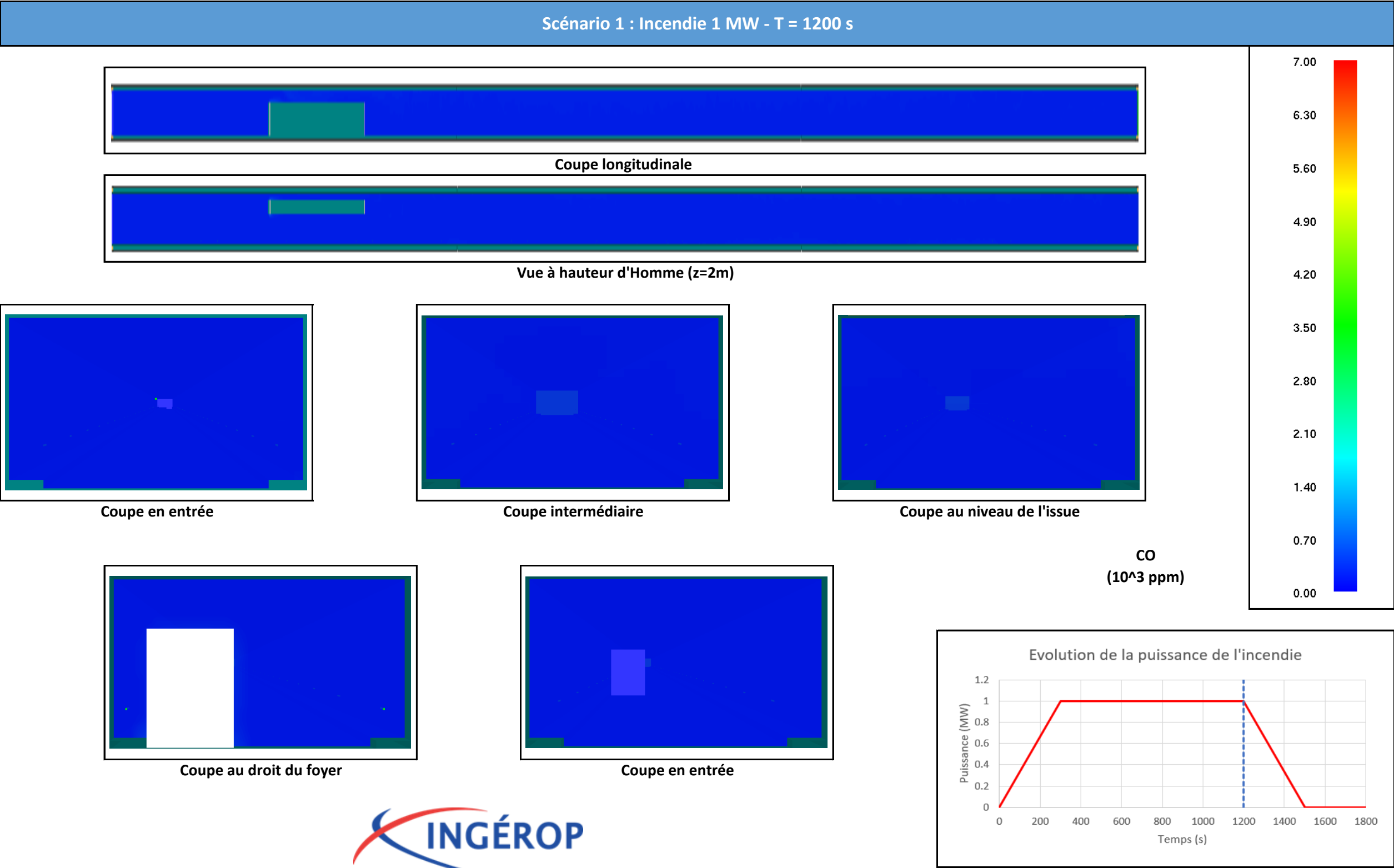


Coupe en entrée

CO
(10³ ppm)







Température

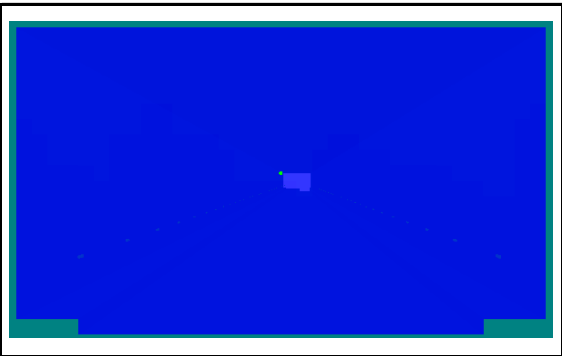
Scénario 1 : Incendie 1 MW - T = 0 s



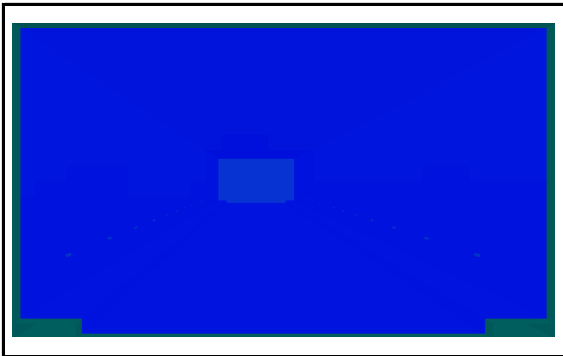
Coupe longitudinale



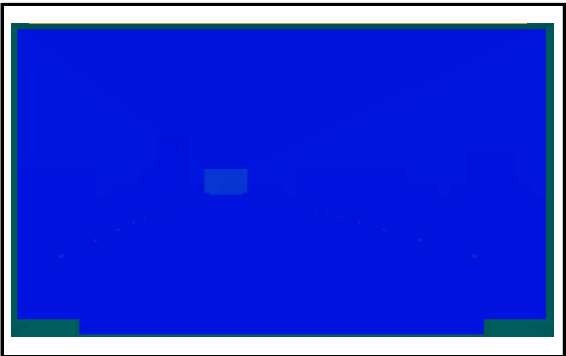
Vue à hauteur d'Homme (z=2m)



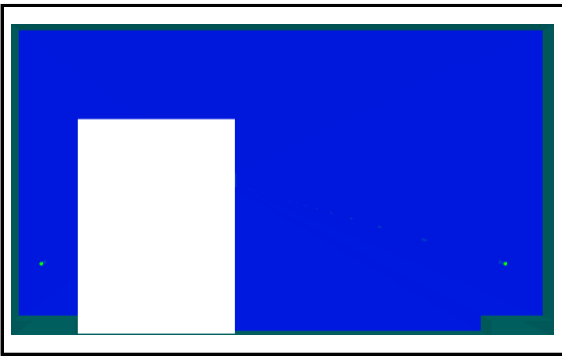
Coupe en entrée



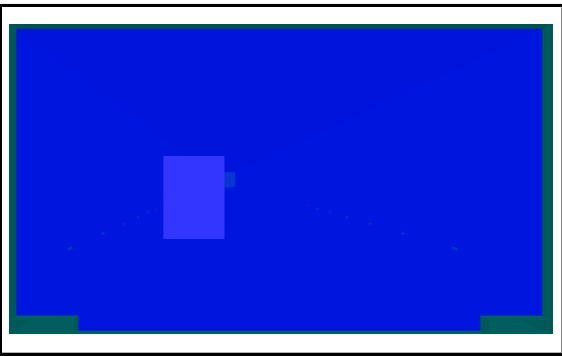
Coupe intermédiaire



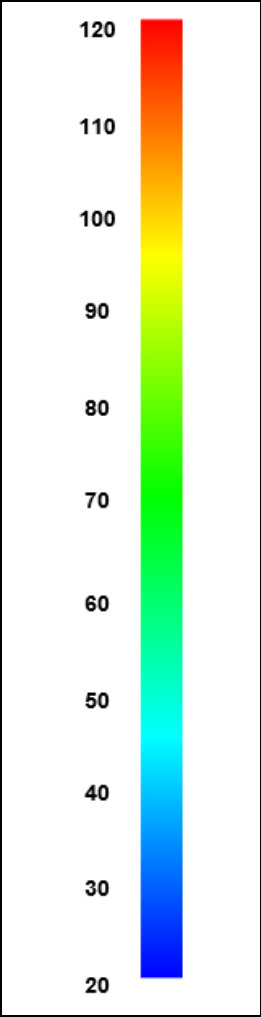
Coupe au niveau de l'issue



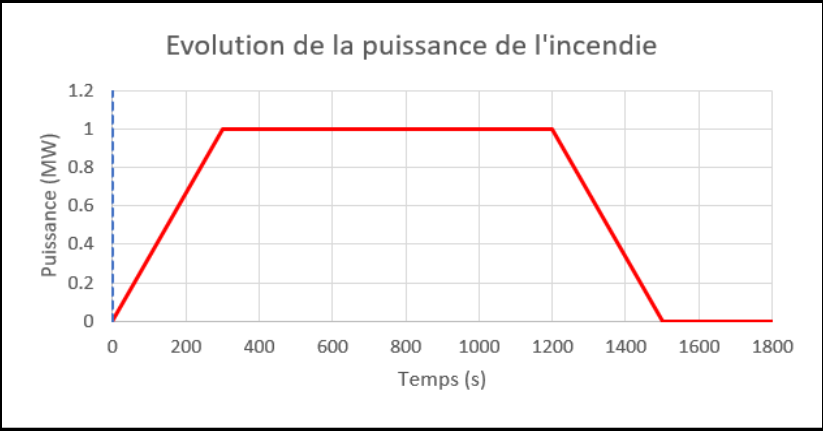
Coupe au droit du foyer



Coupe en entrée



Température (°C)



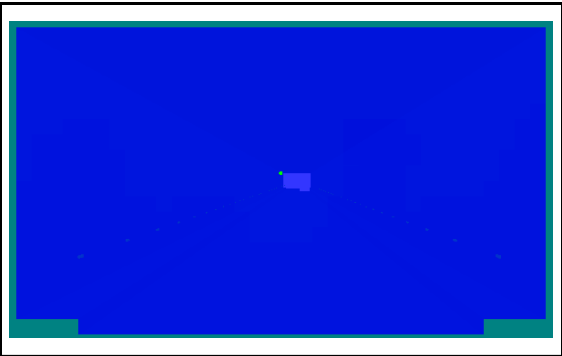
Scénario 1 : Incendie 1 MW - T = 30 s



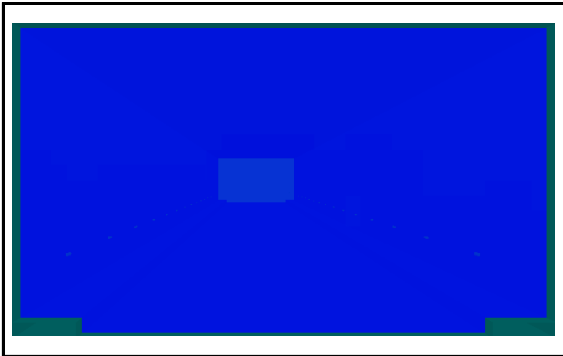
Coupe longitudinale



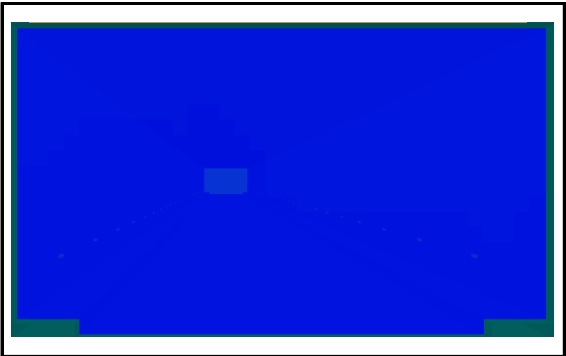
Vue à hauteur d'Homme (z=2m)



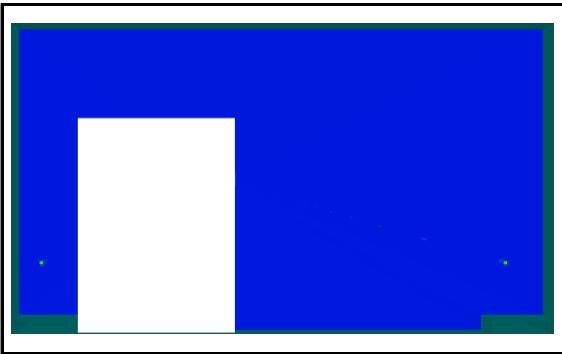
Coupe en entrée



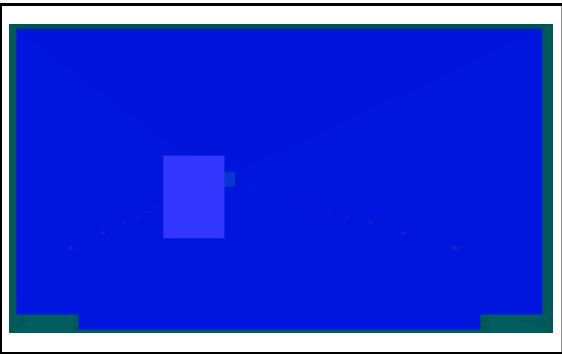
Coupe intermédiaire



Coupe au niveau de l'issue

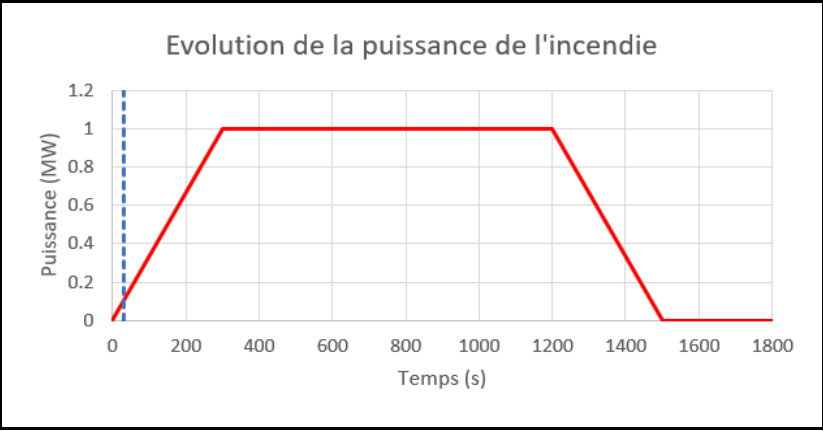
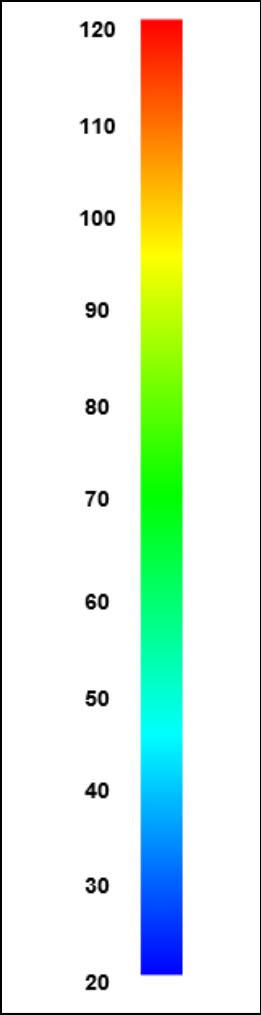


Coupe au droit du foyer



Coupe en entrée

Température
(°C)



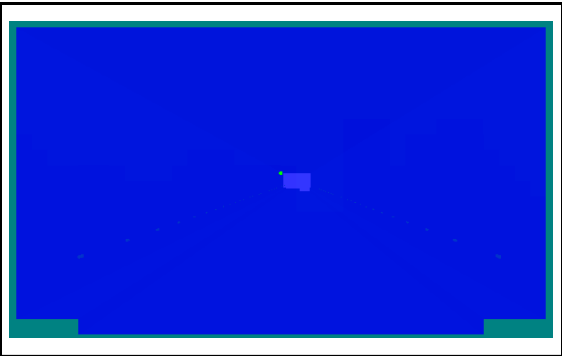
Scénario 1 : Incendie 1 MW - T = 60 s



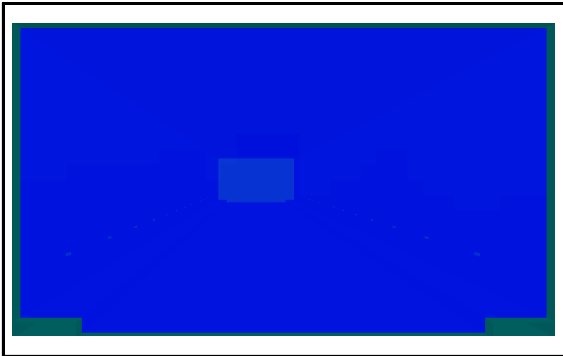
Coupe longitudinale



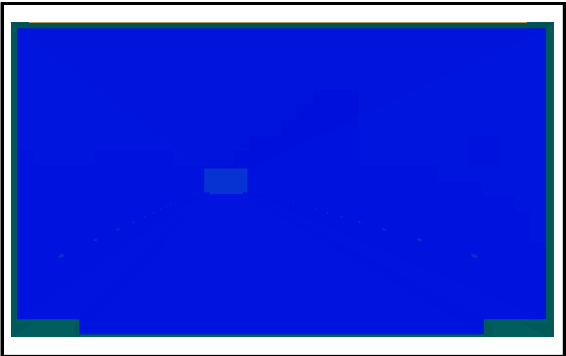
Vue à hauteur d'Homme (z=2m)



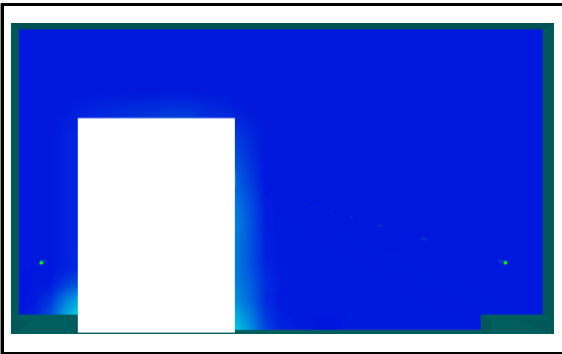
Coupe en entrée



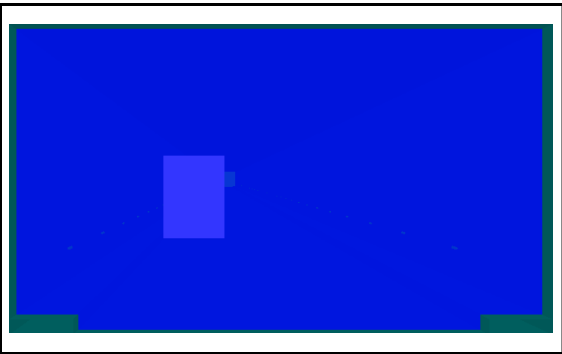
Coupe intermédiaire



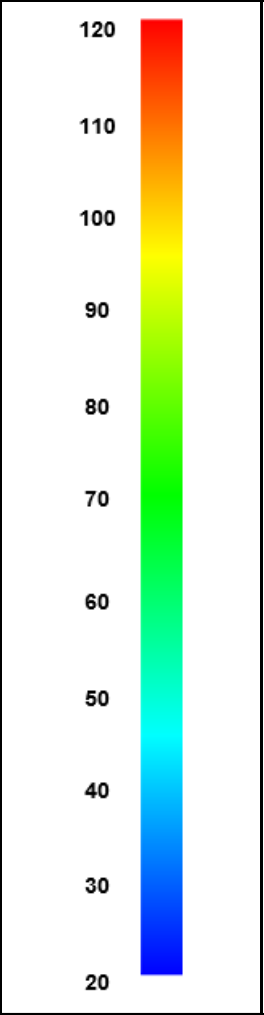
Coupe au niveau de l'issue



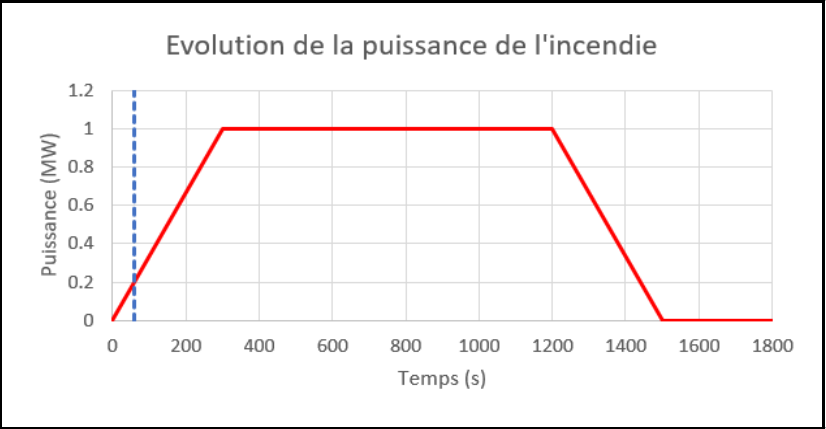
Coupe au droit du foyer

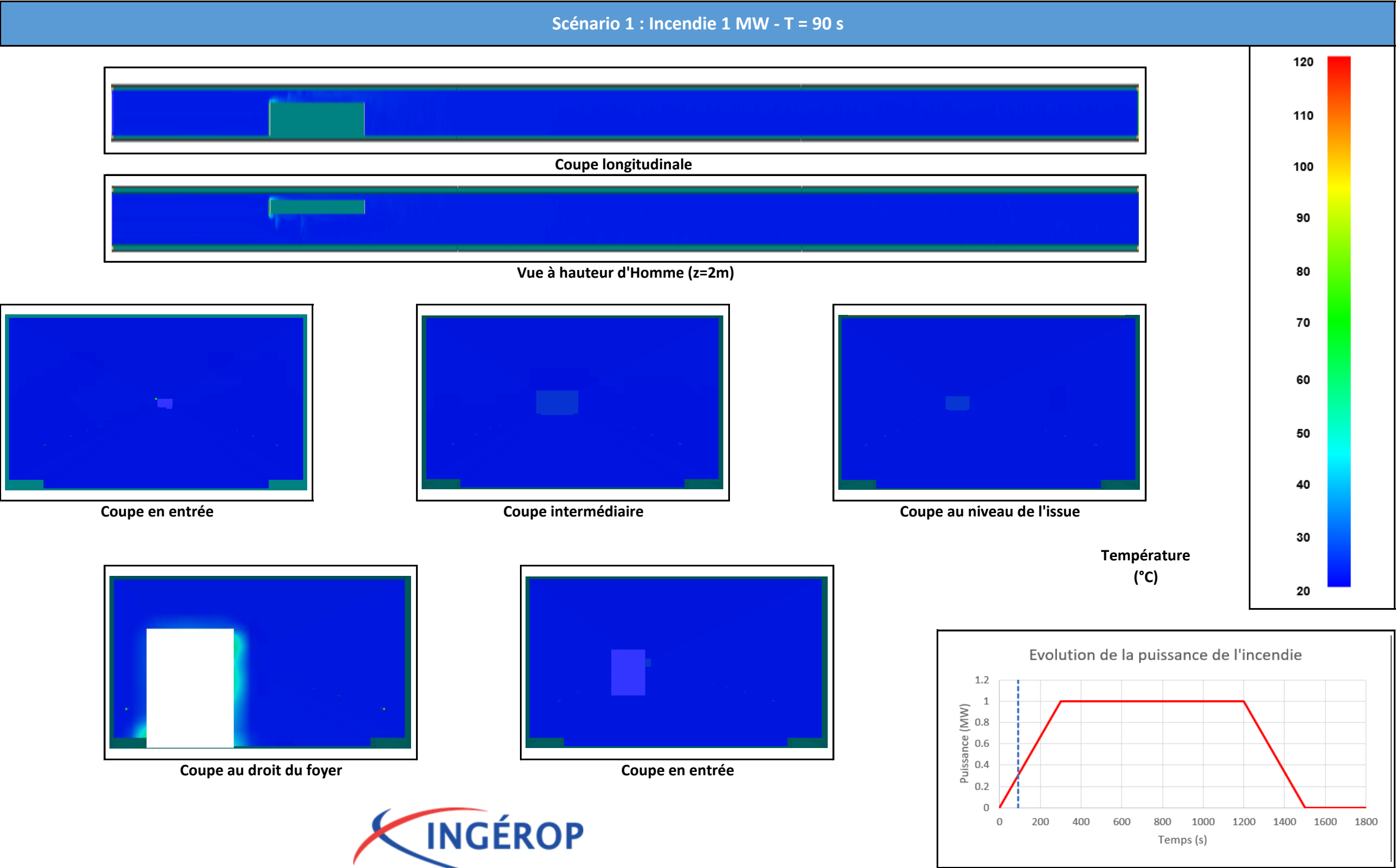


Coupe en entrée



Température (°C)





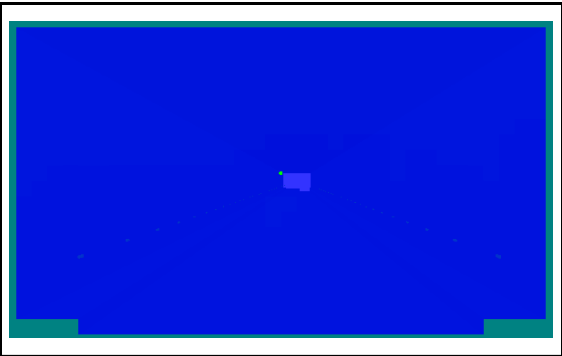
Scénario 1 : Incendie 1 MW - T = 120 s



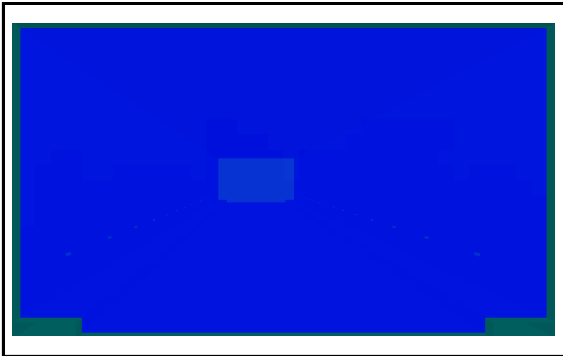
Coupe longitudinale



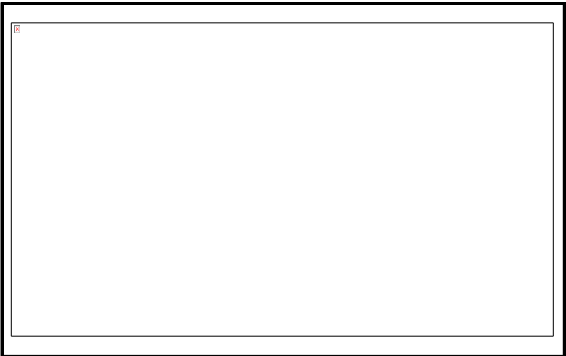
Vue à hauteur d'Homme (z=2m)



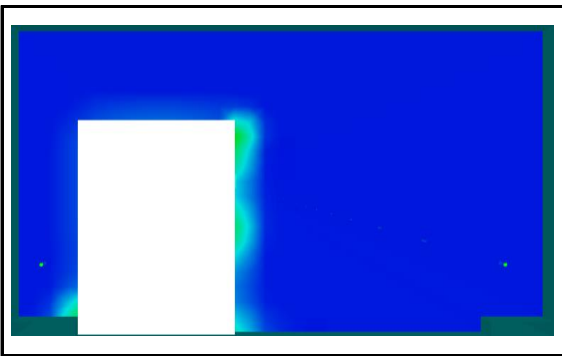
Coupe en entrée



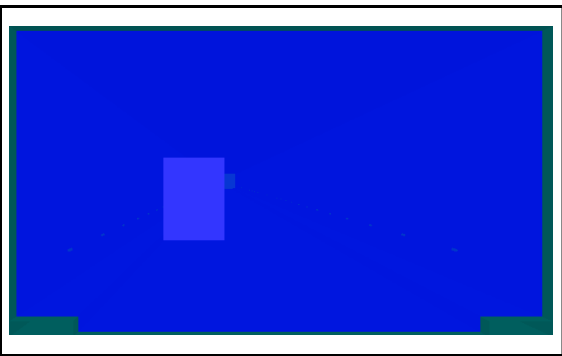
Coupe intermédiaire



Coupe au niveau de l'issue

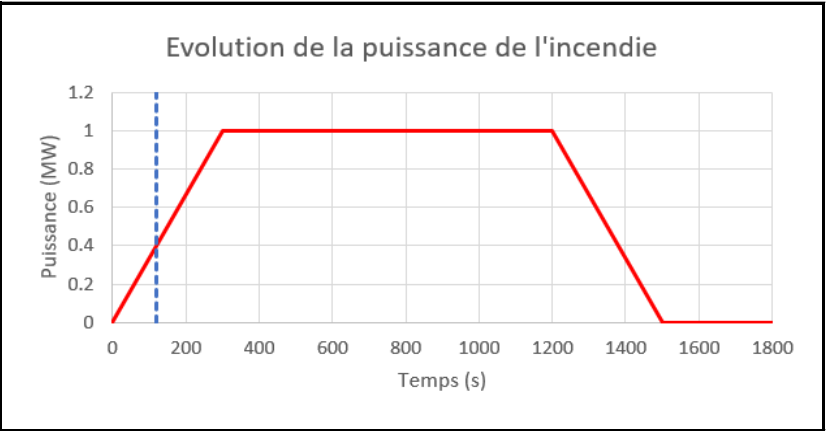
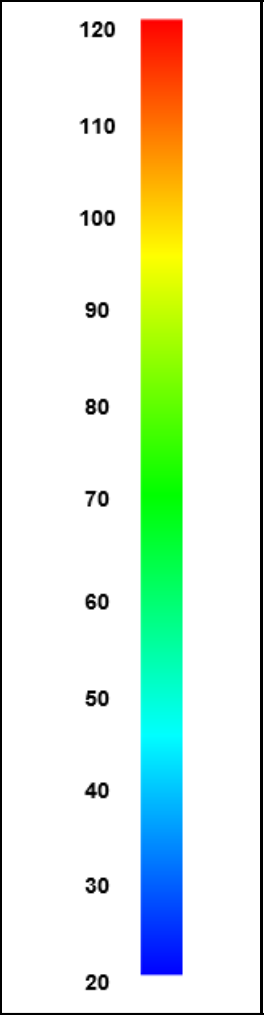


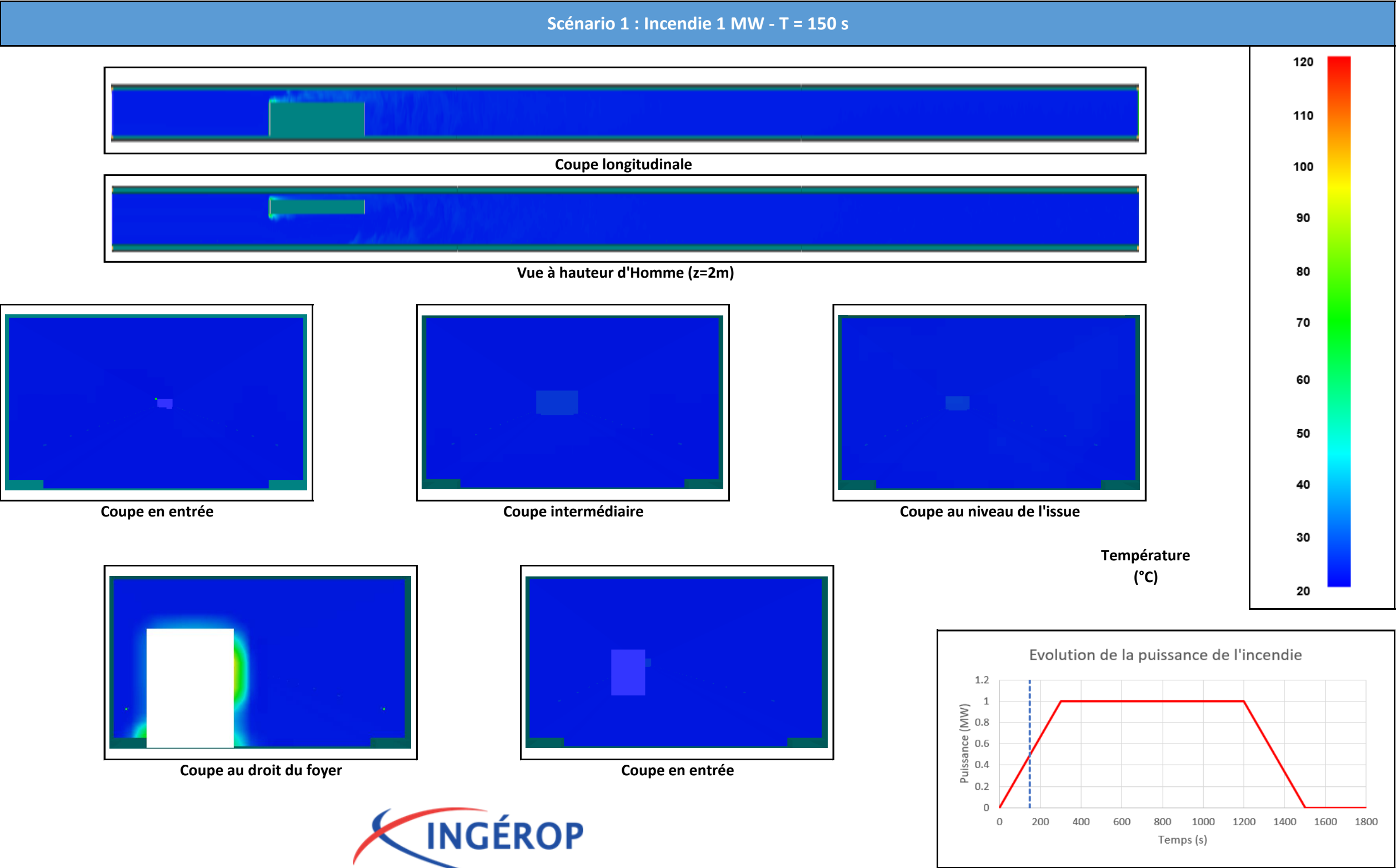
Coupe au droit du foyer

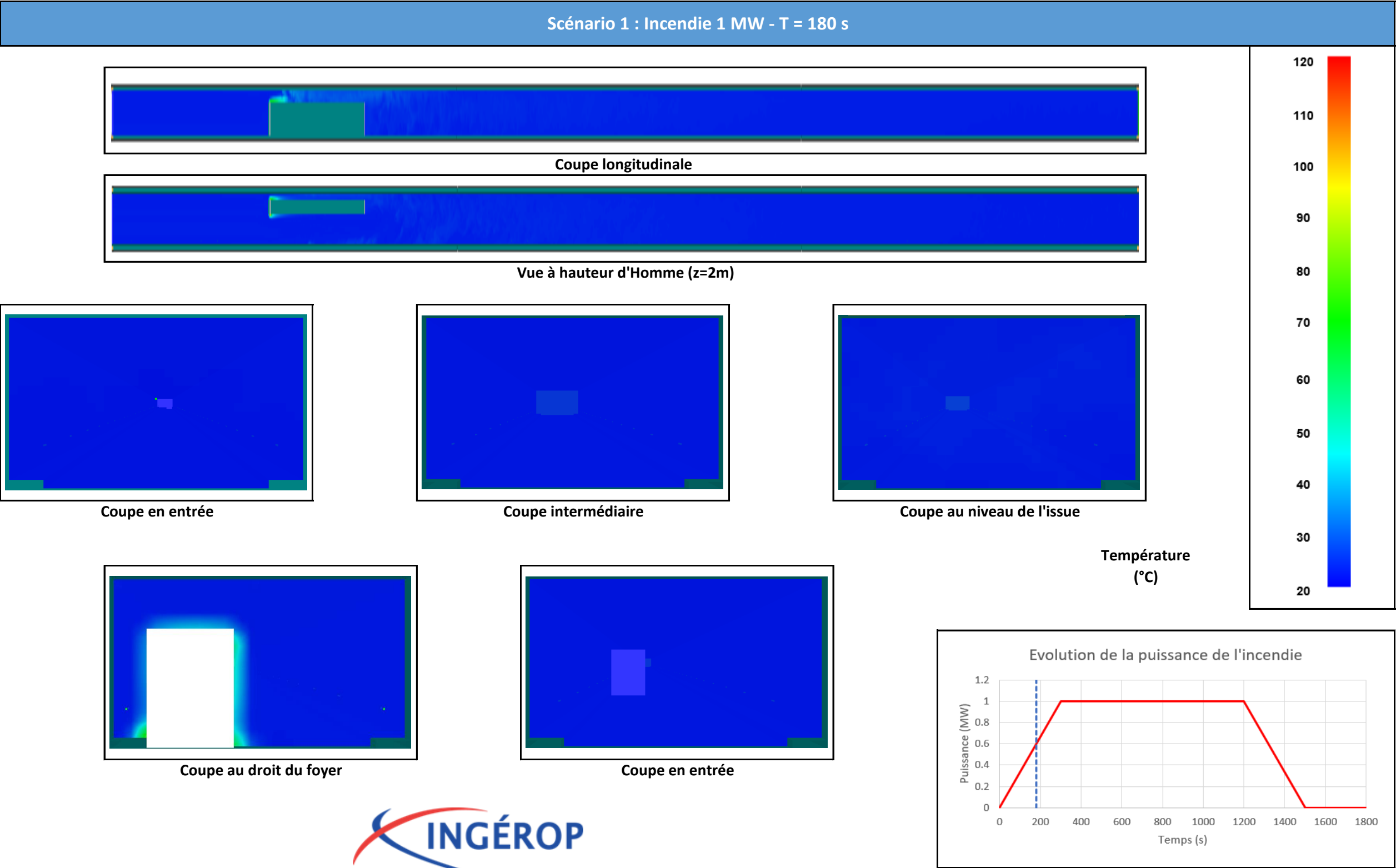


Coupe en entrée

Température
(°C)







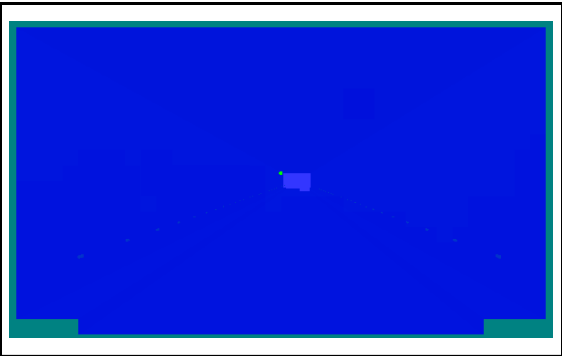
Scénario 1 : Incendie 1 MW - T = 210 s



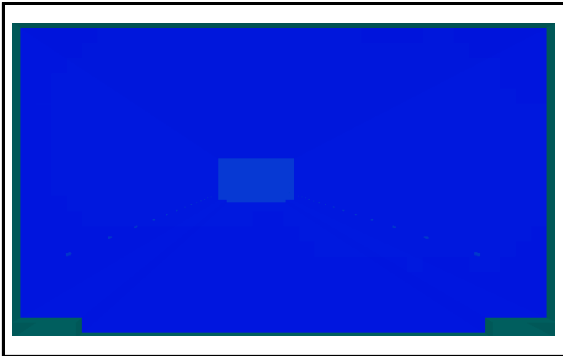
Coupe longitudinale



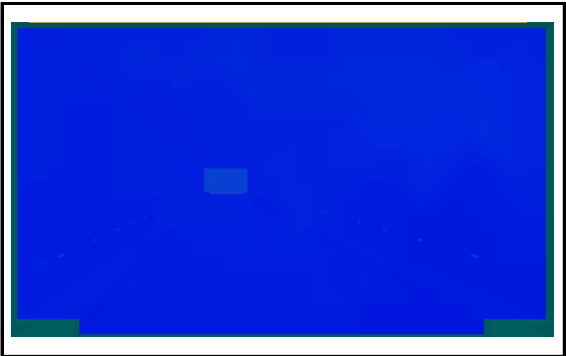
Vue à hauteur d'Homme (z=2m)



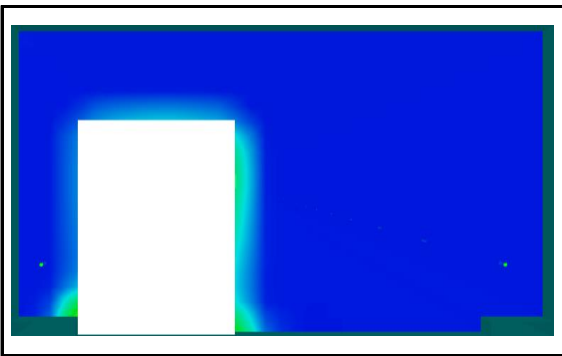
Coupe en entrée



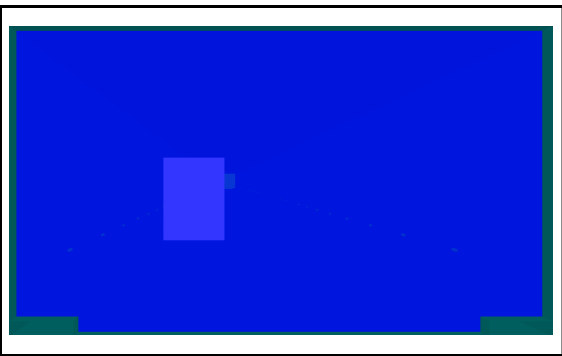
Coupe intermédiaire



Coupe au niveau de l'issue

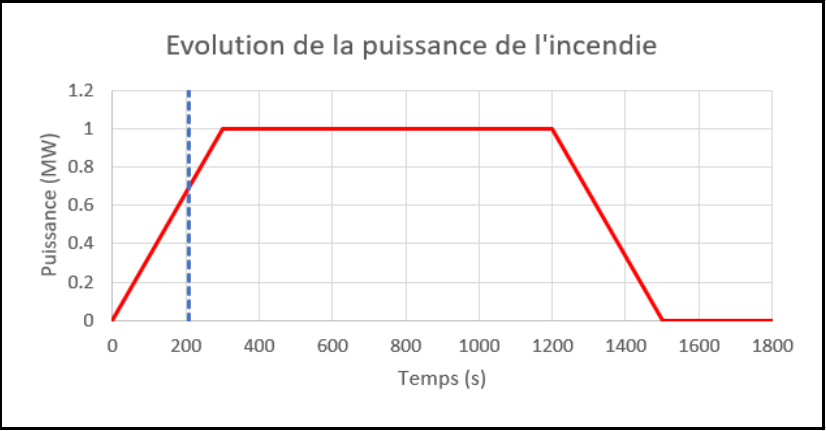
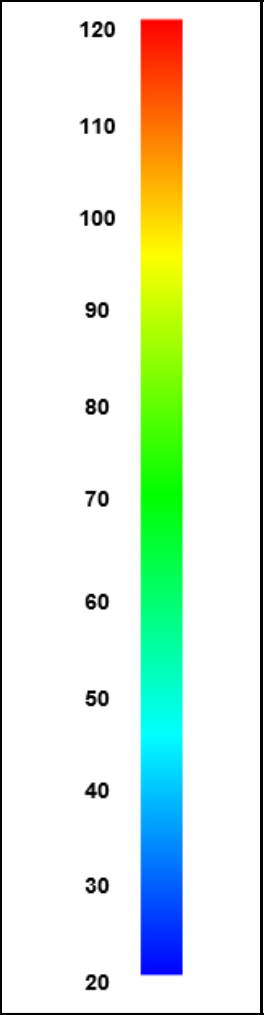


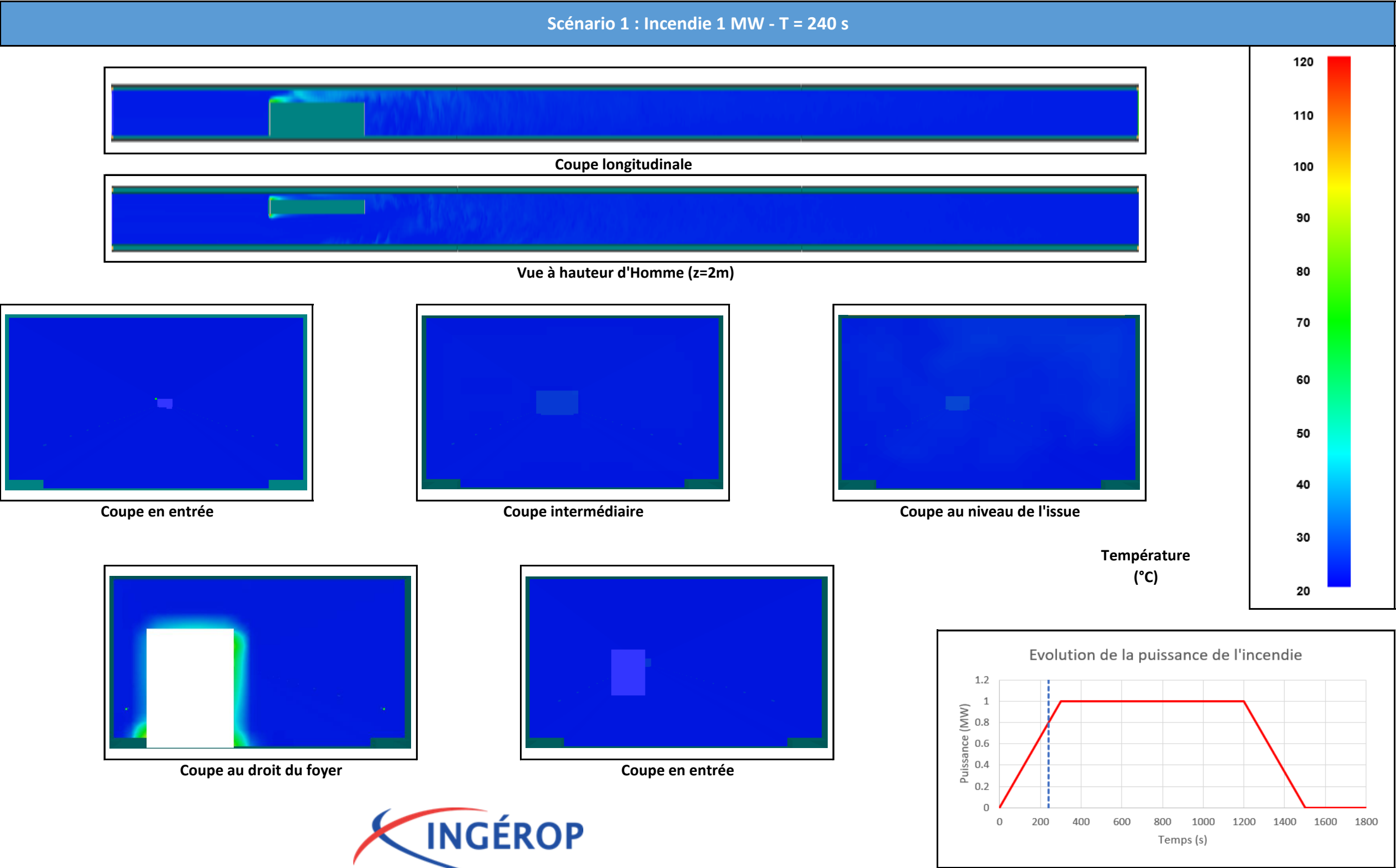
Coupe au droit du foyer

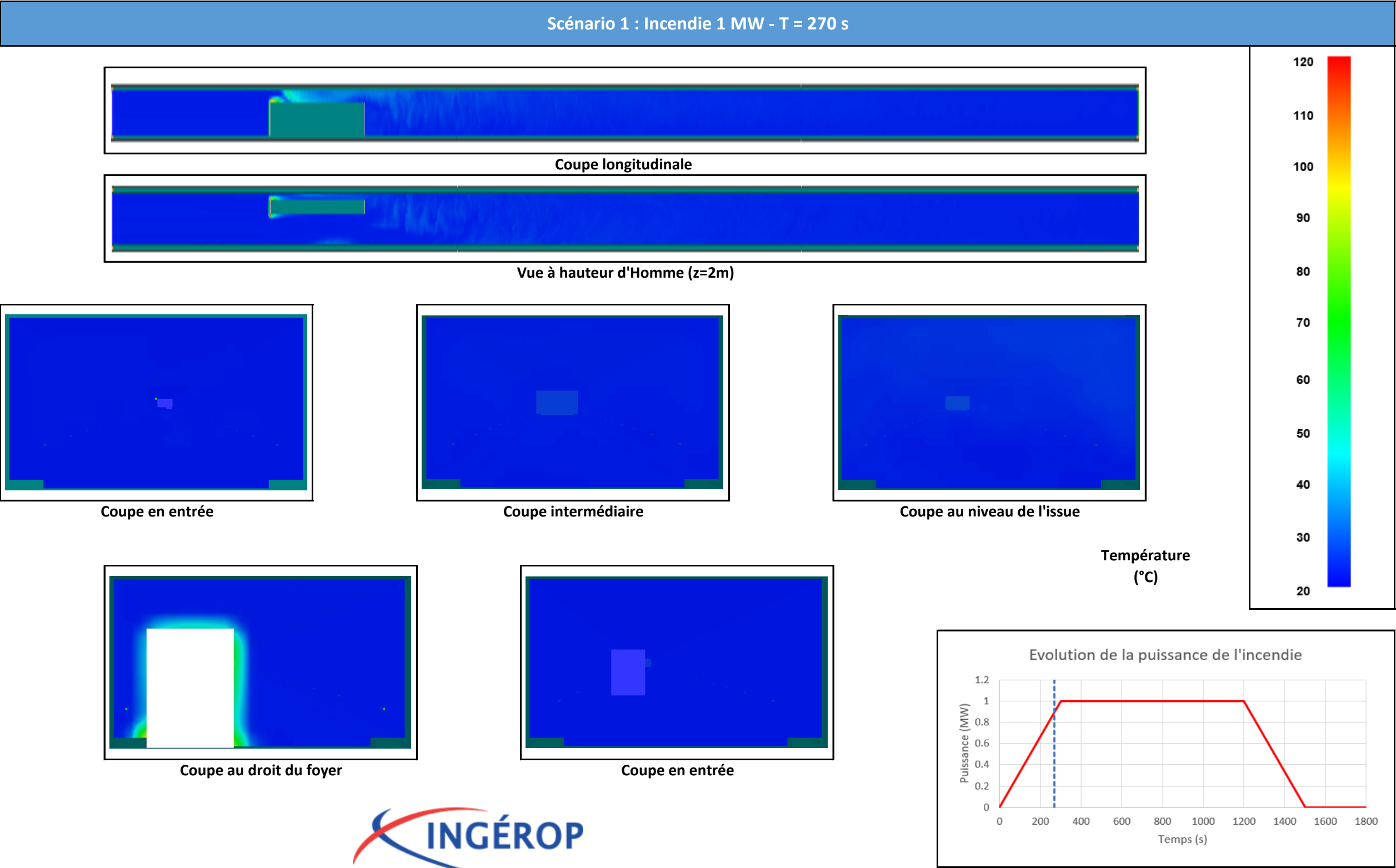


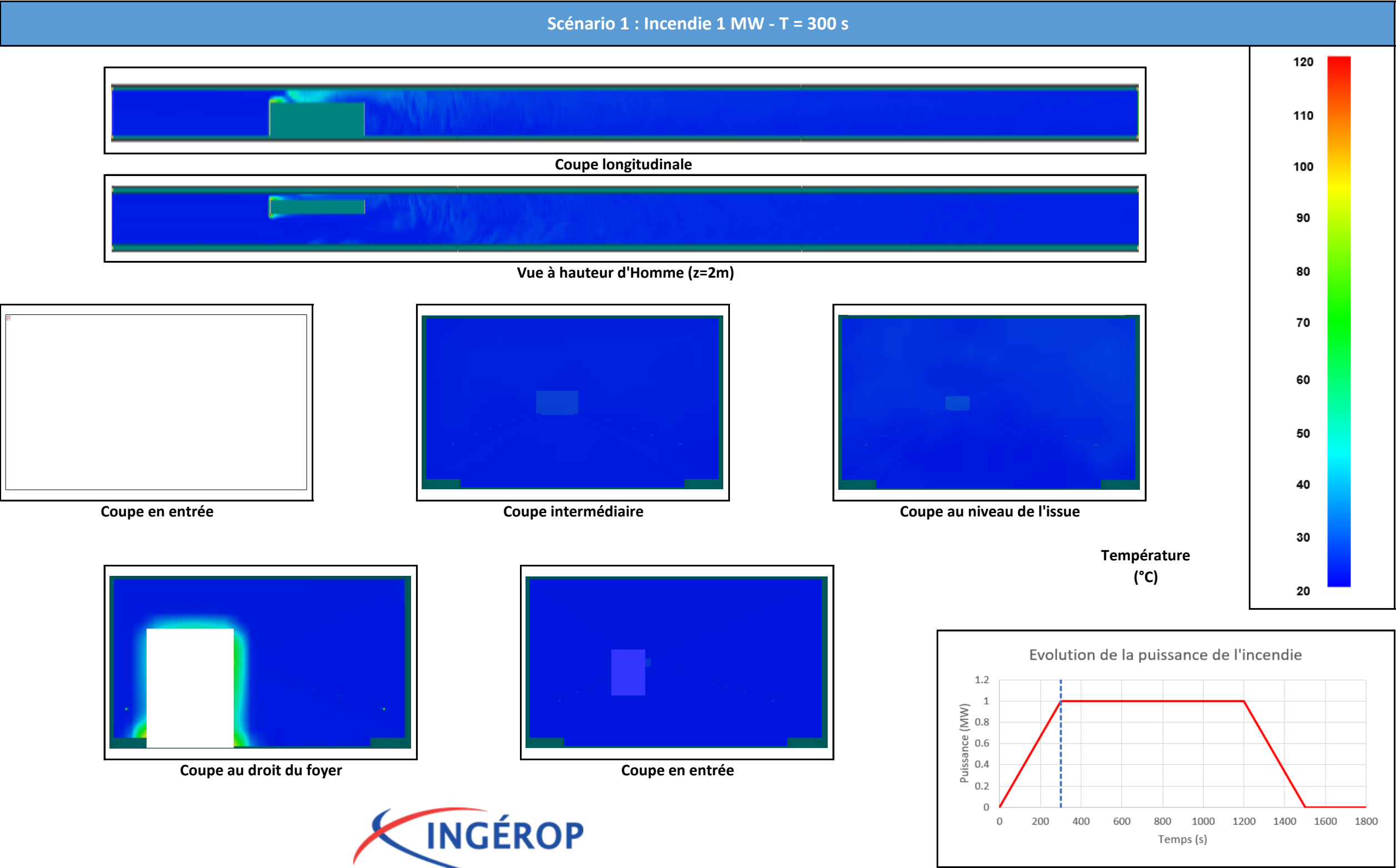
Coupe en entrée

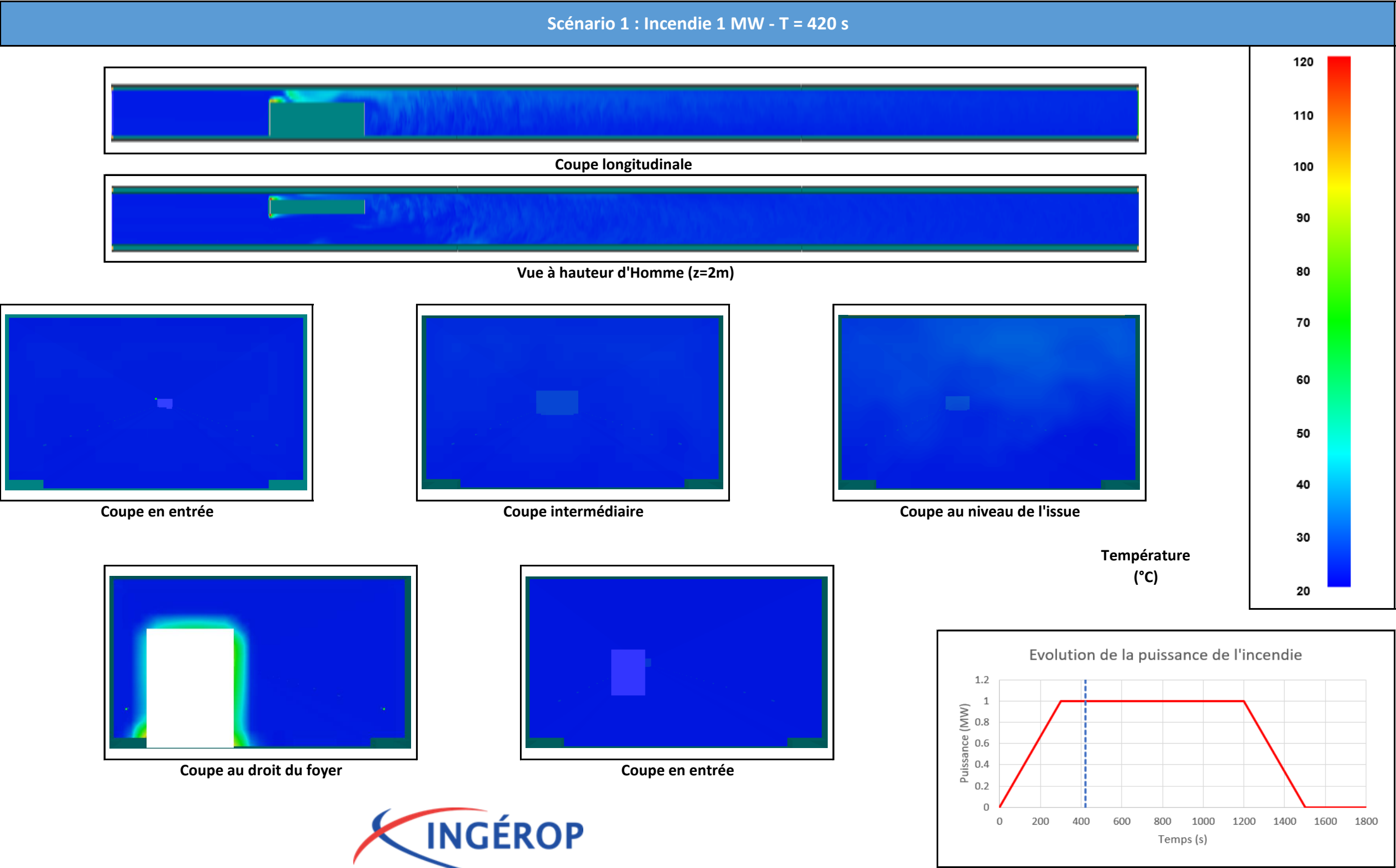
Température
(°C)

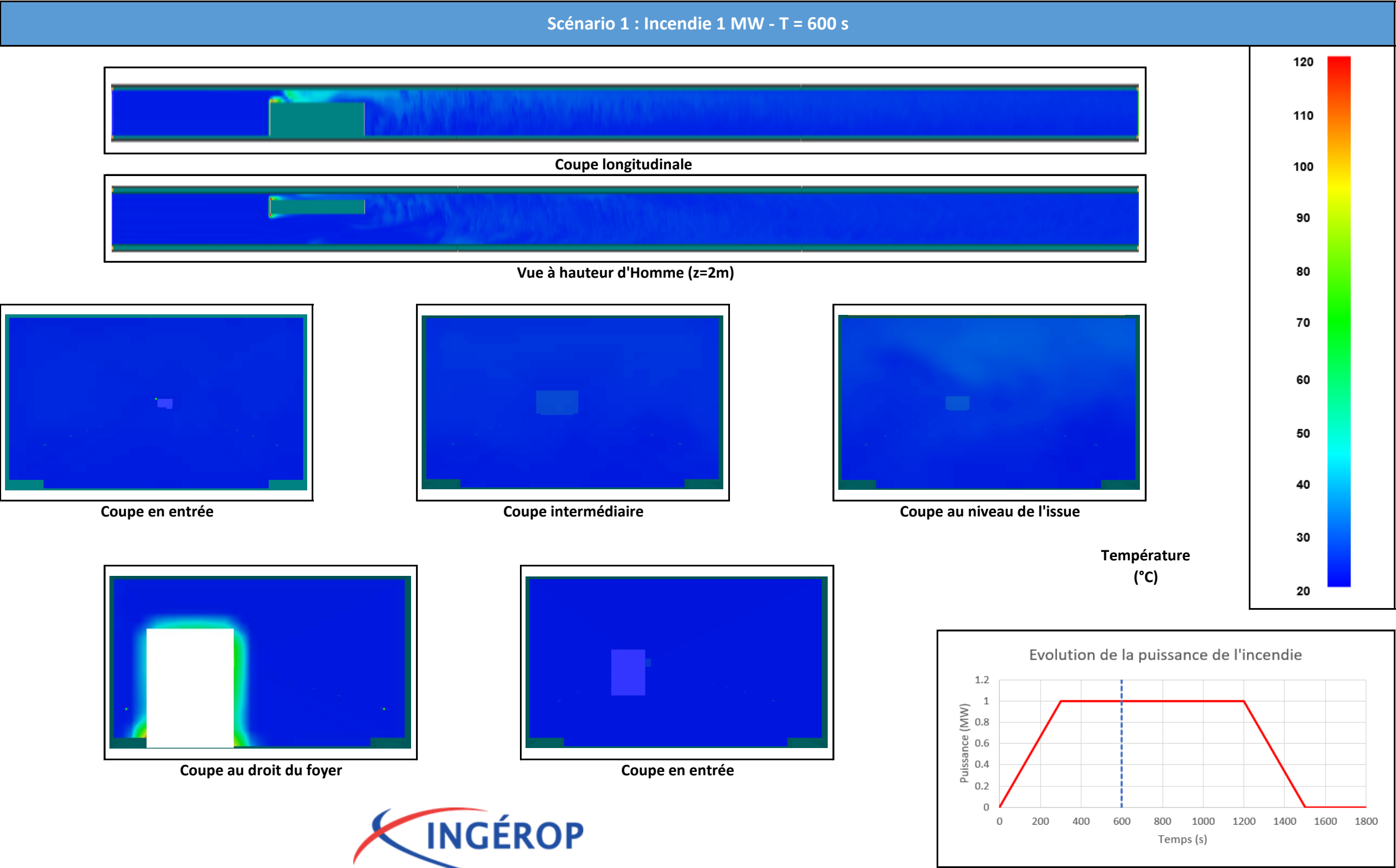


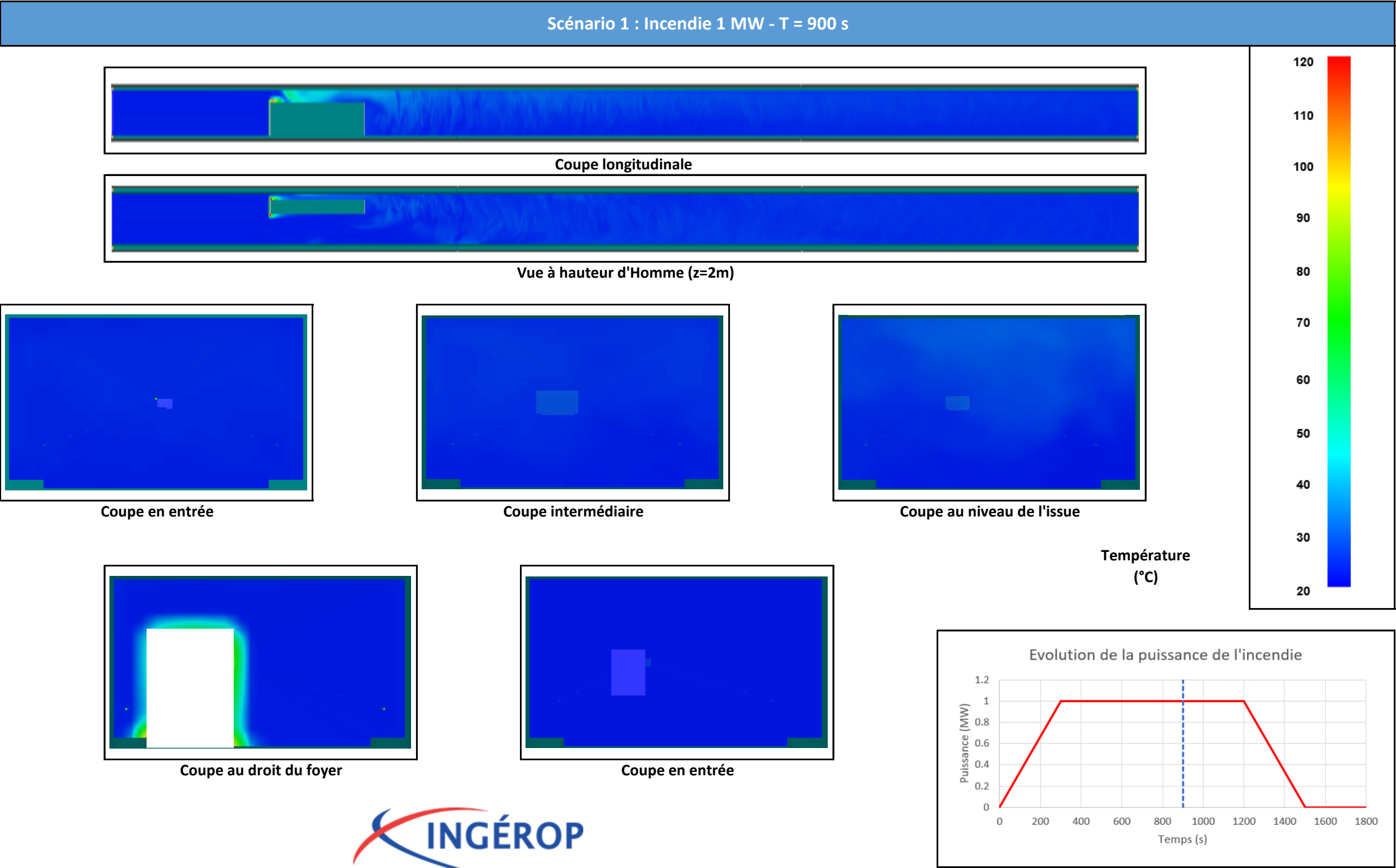


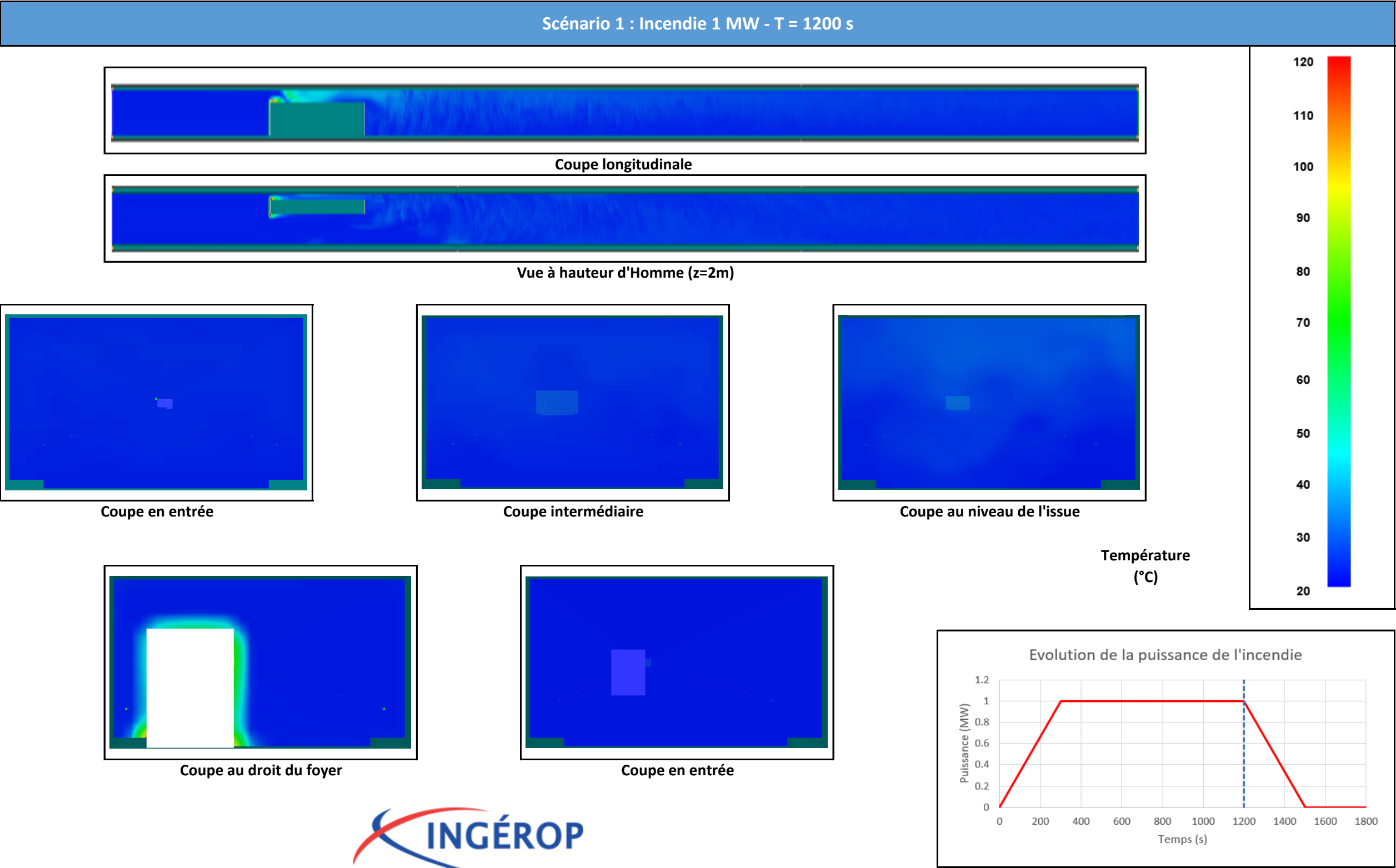












Visibilité

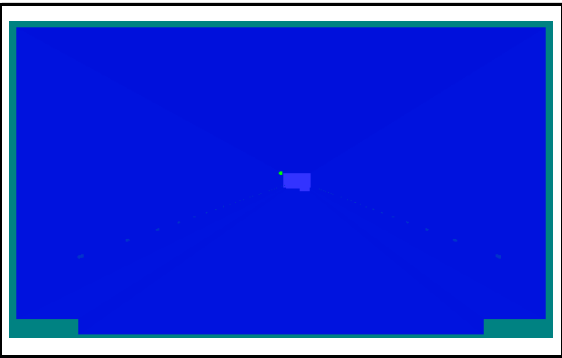
Scénario 1 : Incendie 1 MW - T = 0 s



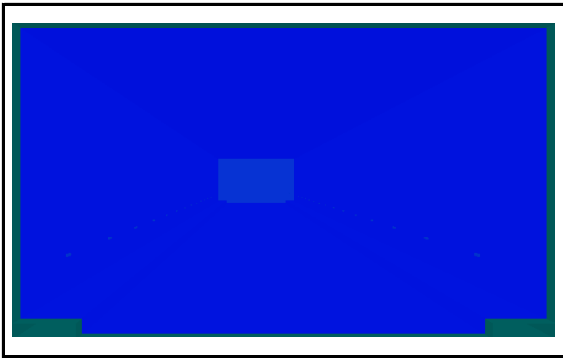
Coupe longitudinale



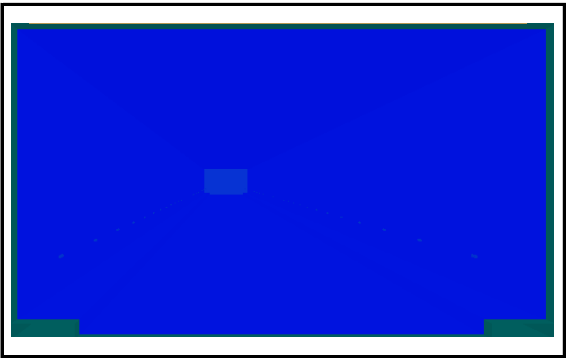
Vue à hauteur d'Homme (z=2m)



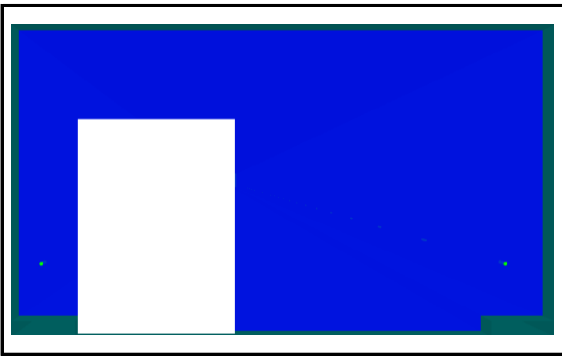
Coupe en entrée



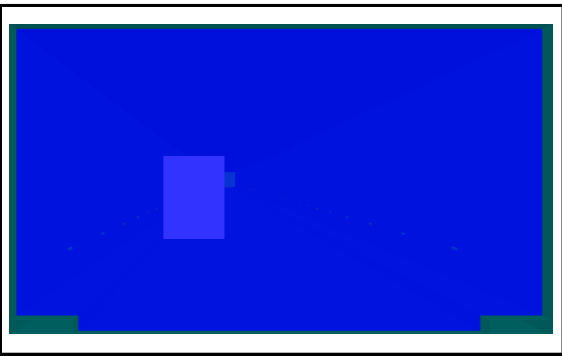
Coupe intermédiaire



Coupe au niveau de l'issue

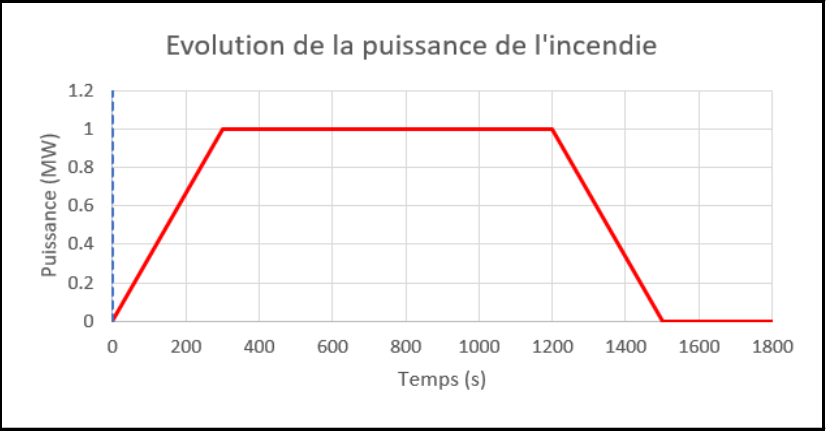
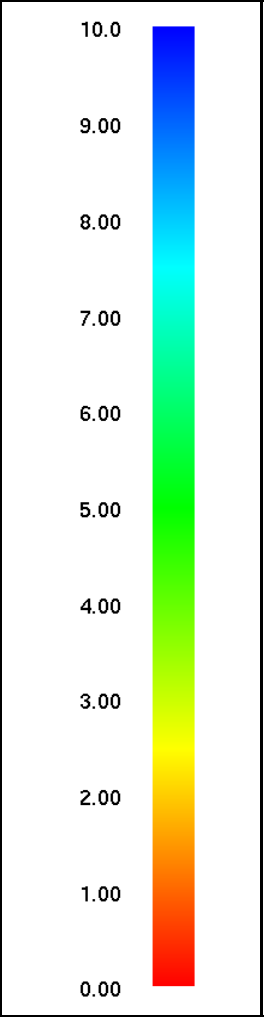


Coupe au droit du foyer



Coupe en entrée

Visibilité
(m)



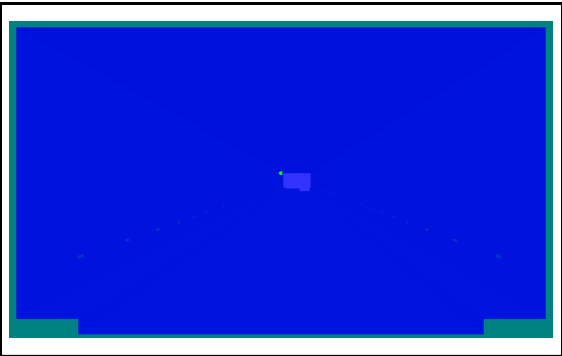
Scénario 1 : Incendie 1 MW - T = 30 s



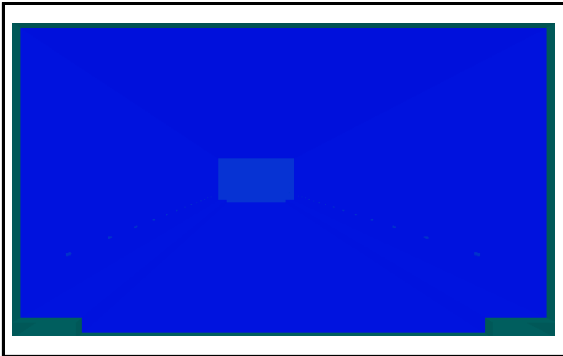
Coupe longitudinale



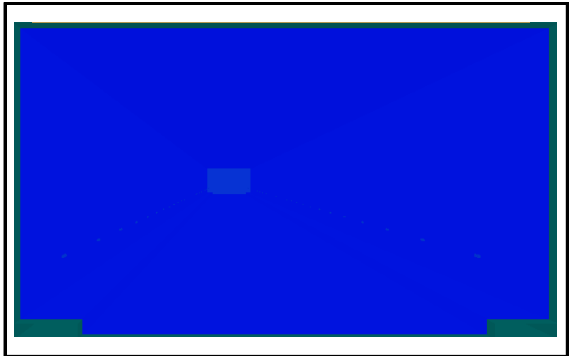
Vue à hauteur d'Homme (z=2m)



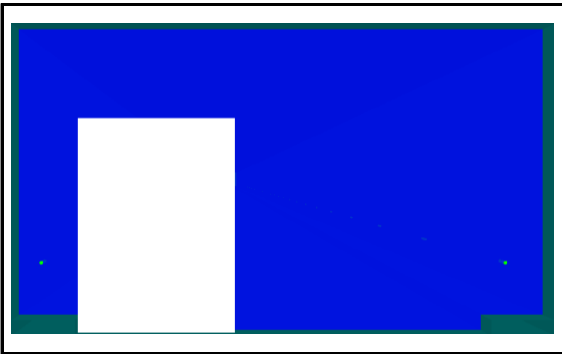
Coupe en entrée



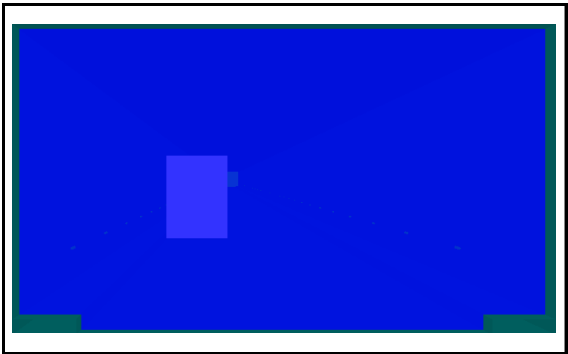
Coupe intermédiaire



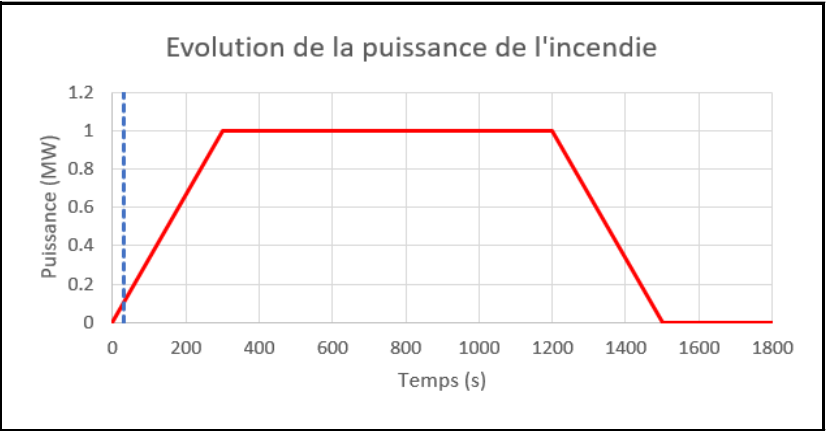
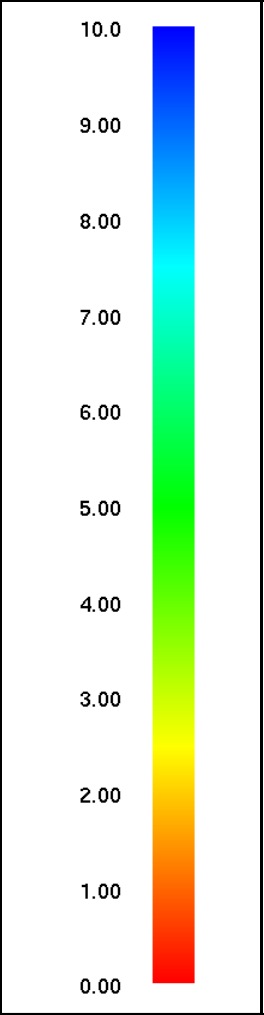
Coupe au niveau de l'issue



Coupe au droit du foyer



Coupe en entrée



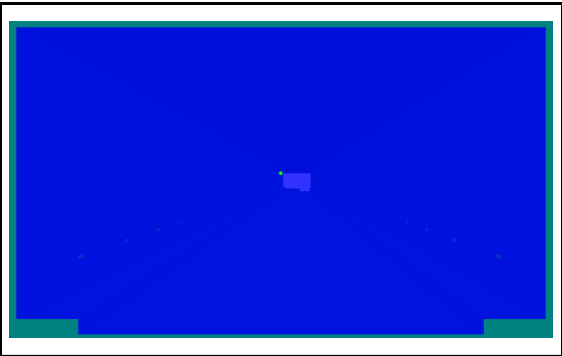
Scénario 1 : Incendie 1 MW - T = 60 s



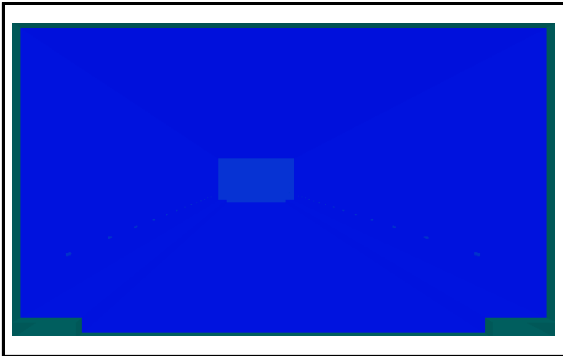
Coupe longitudinale



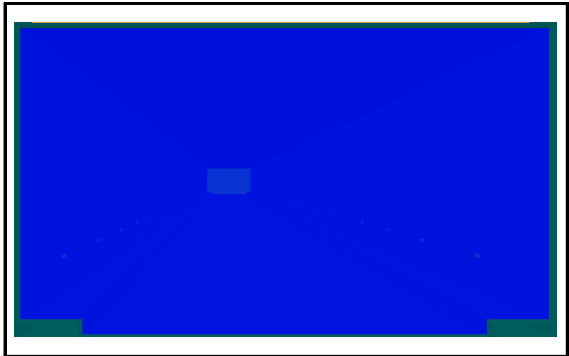
Vue à hauteur d'Homme (z=2m)



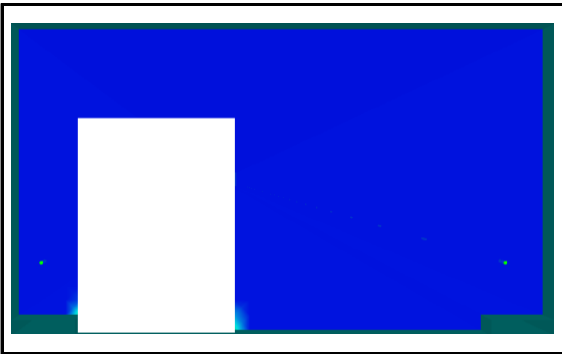
Coupe en entrée



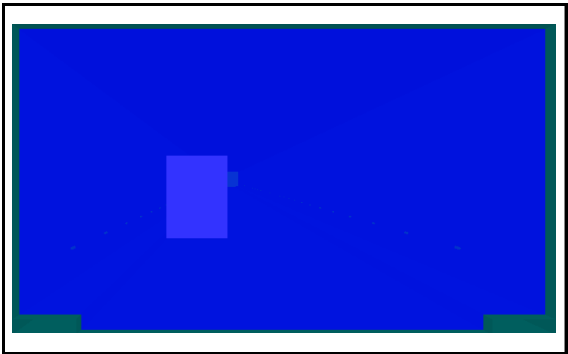
Coupe intermédiaire



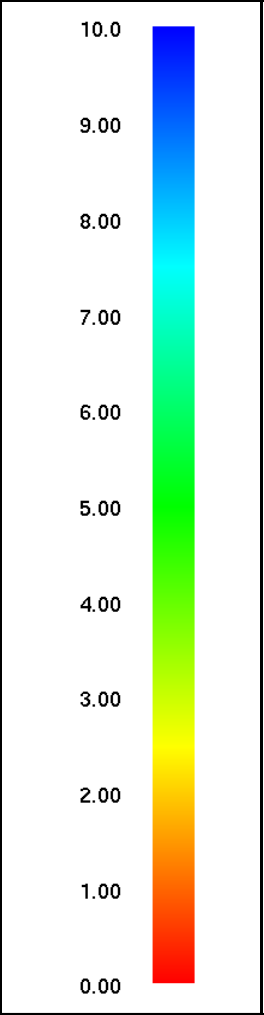
Coupe au niveau de l'issue



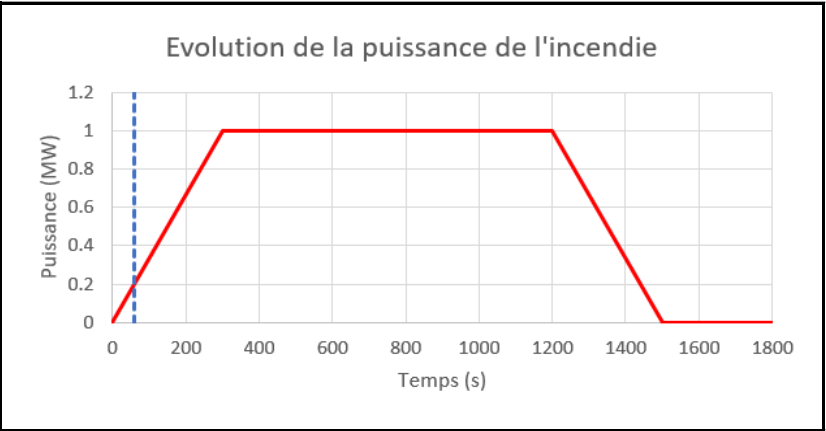
Coupe au droit du foyer



Coupe en entrée



Visibilité (m)



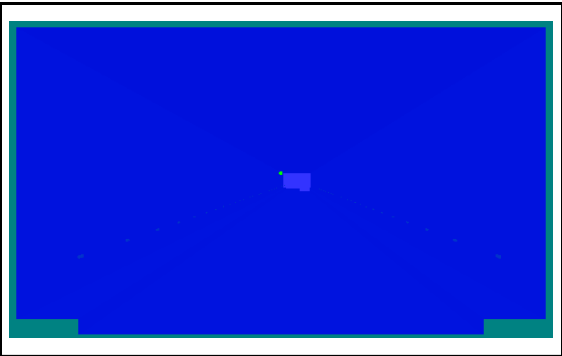
Scénario 1 : Incendie 1 MW - T = 90 s



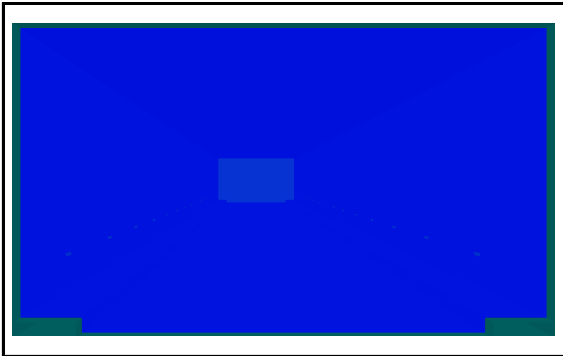
Coupe longitudinale



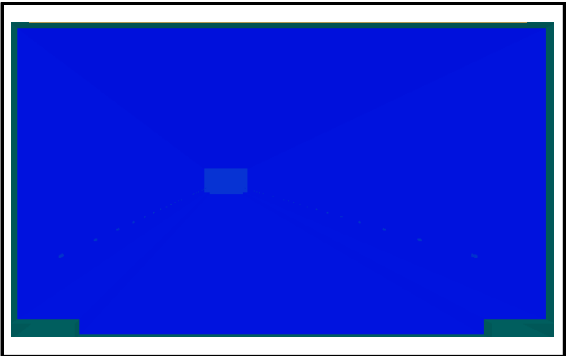
Vue à hauteur d'Homme (z=2m)



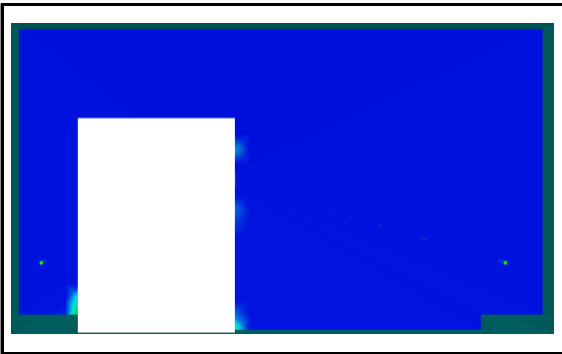
Coupe en entrée



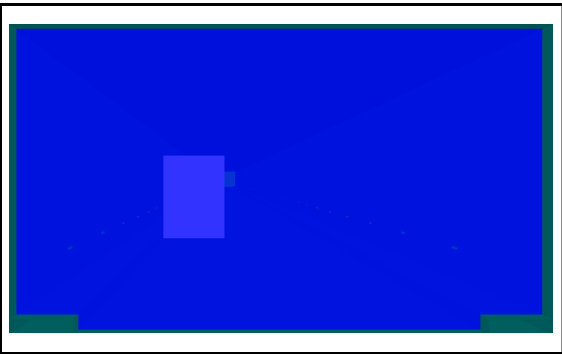
Coupe intermédiaire



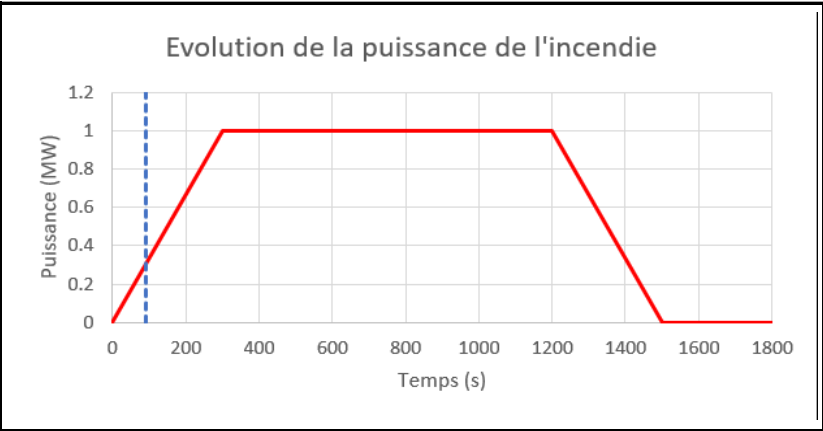
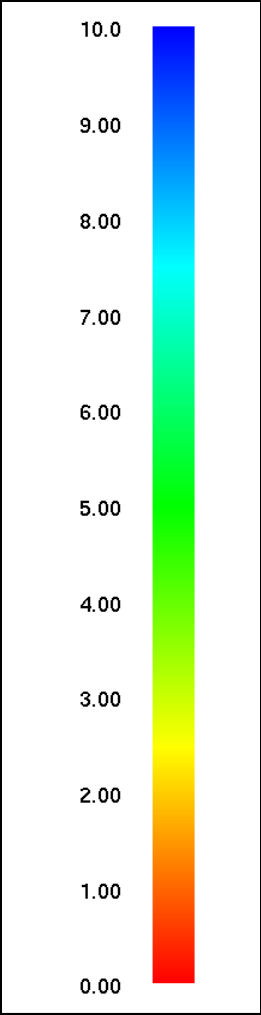
Coupe au niveau de l'issue



Coupe au droit du foyer



Coupe en entrée



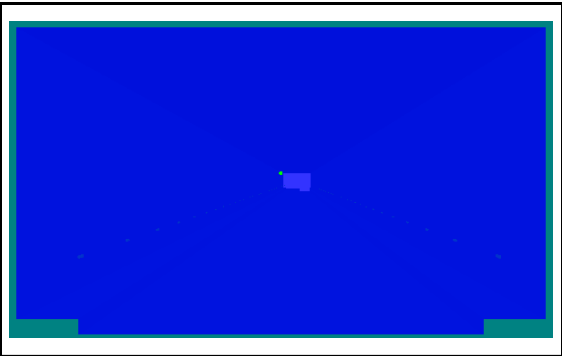
Scénario 1 : Incendie 1 MW - T = 120 s



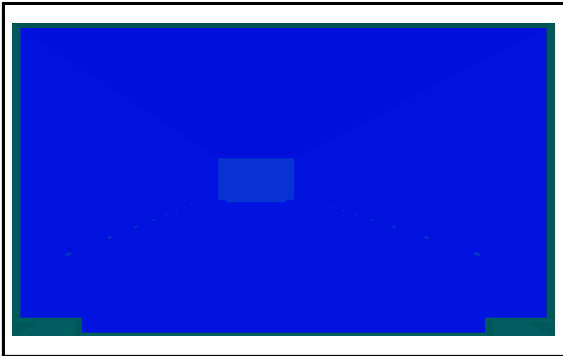
Coupe longitudinale



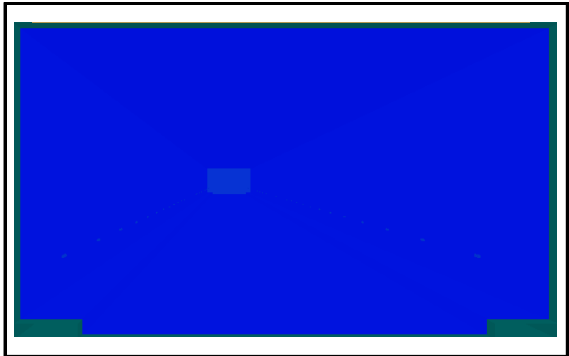
Vue à hauteur d'Homme (z=2m)



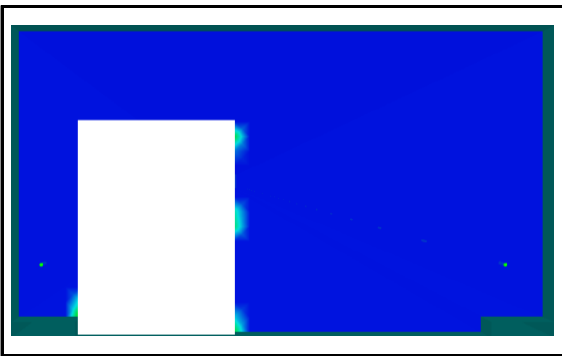
Coupe en entrée



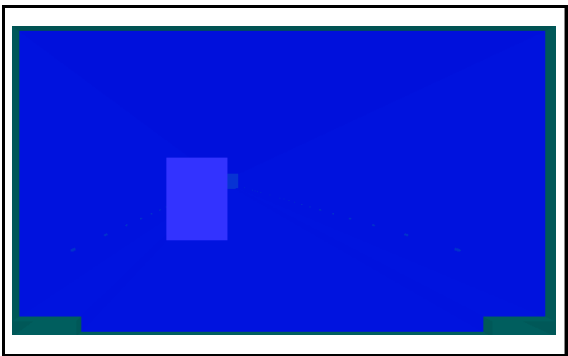
Coupe intermédiaire



Coupe au niveau de l'issue

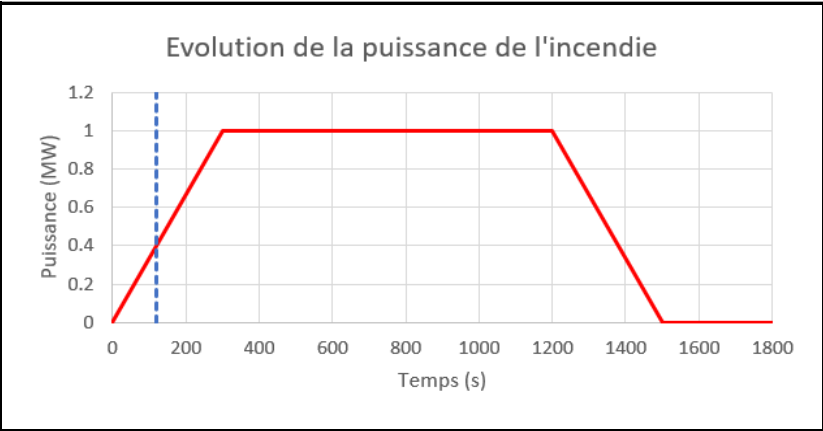
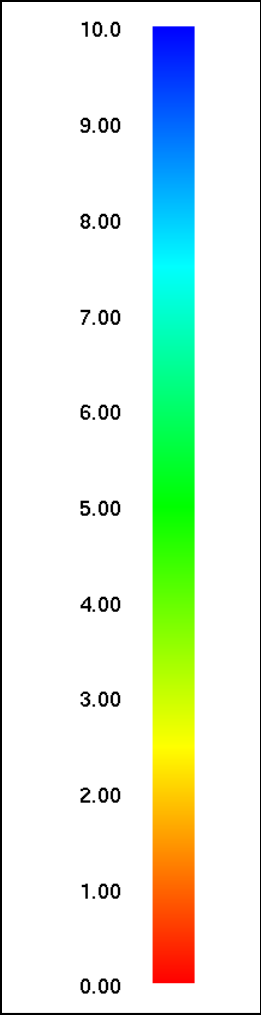


Coupe au droit du foyer



Coupe en entrée

Visibilité
(m)



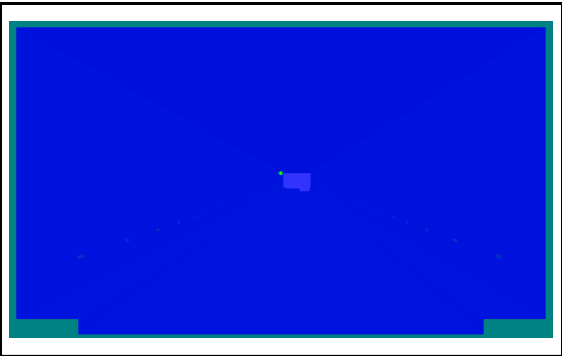
Scénario 1 : Incendie 1 MW - T = 150 s



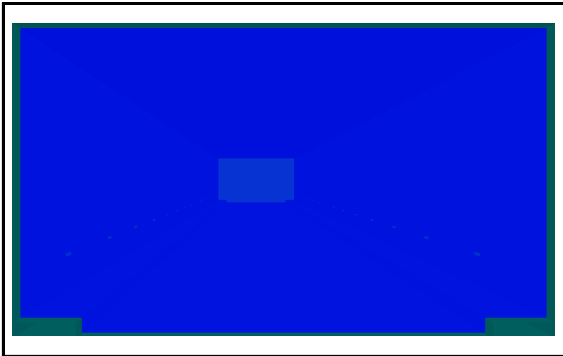
Coupe longitudinale



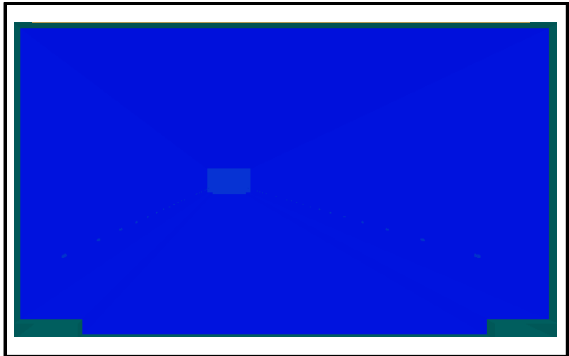
Vue à hauteur d'Homme (z=2m)



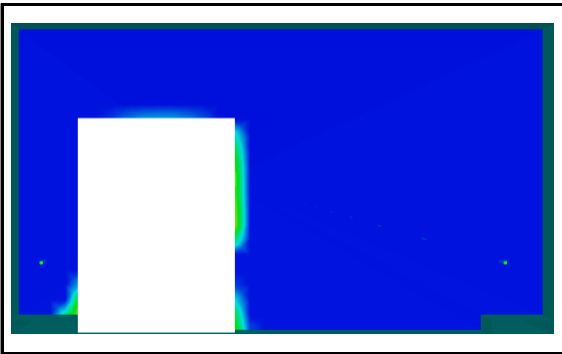
Coupe en entrée



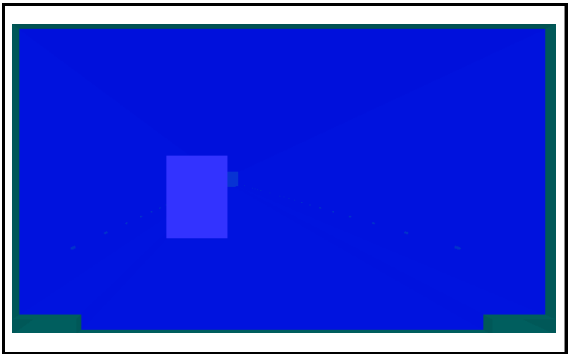
Coupe intermédiaire



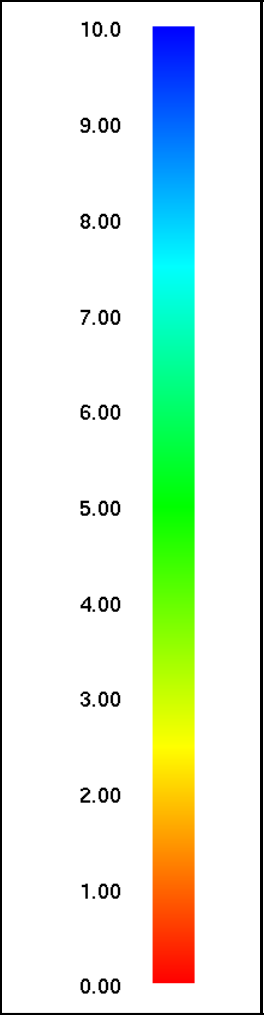
Coupe au niveau de l'issue



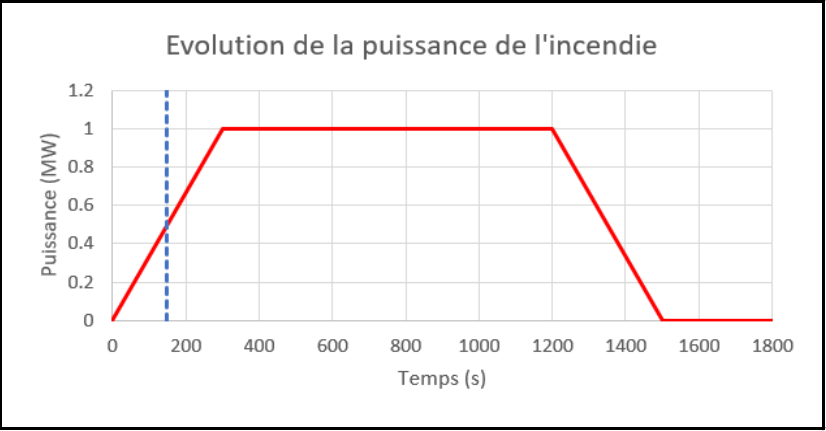
Coupe au droit du foyer



Coupe en entrée



Visibilité
(m)



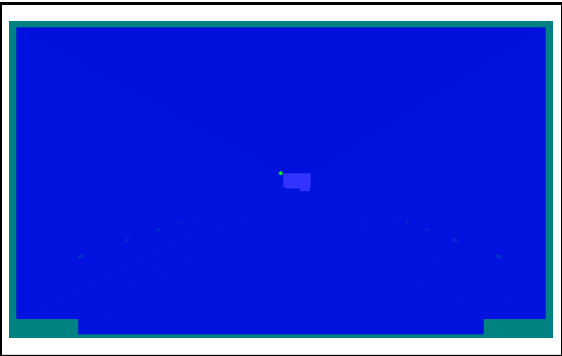
Scénario 1 : Incendie 1 MW - T = 180 s



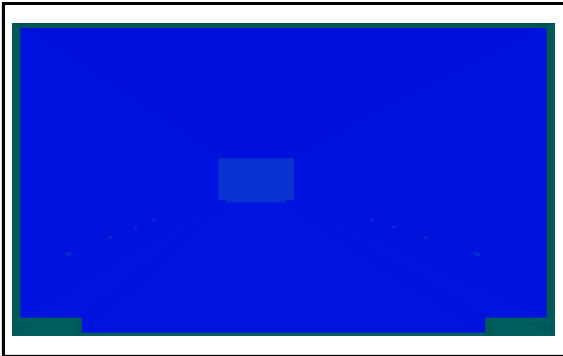
Coupe longitudinale



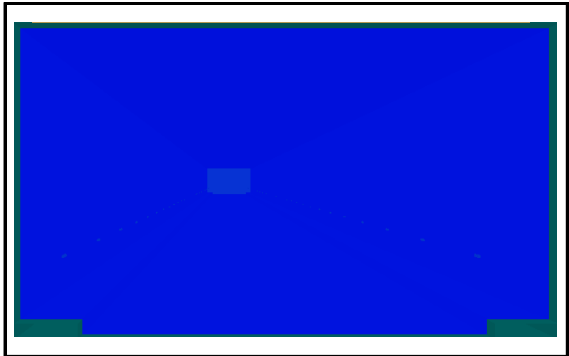
Vue à hauteur d'Homme (z=2m)



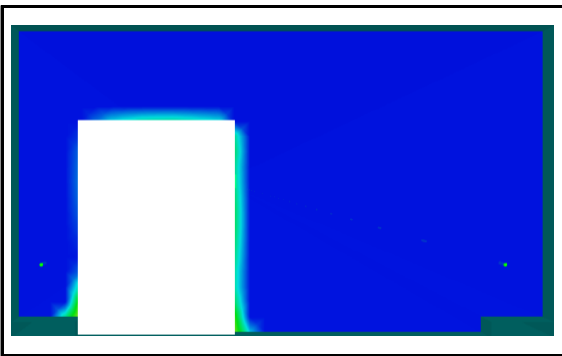
Coupe en entrée



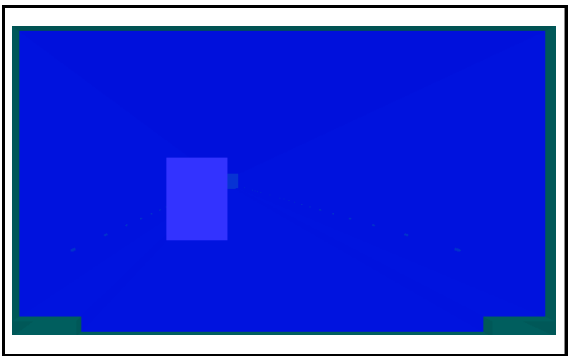
Coupe intermédiaire



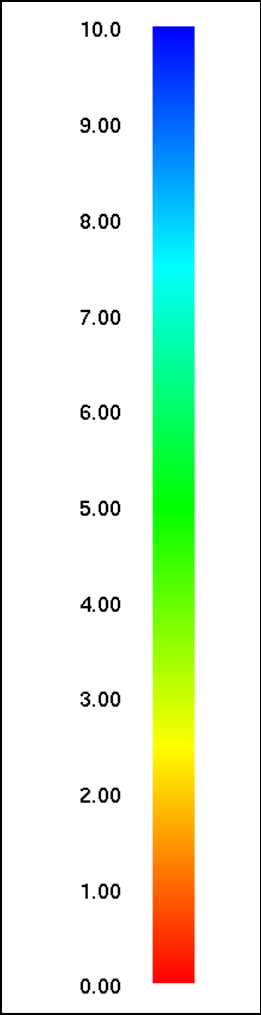
Coupe au niveau de l'issue



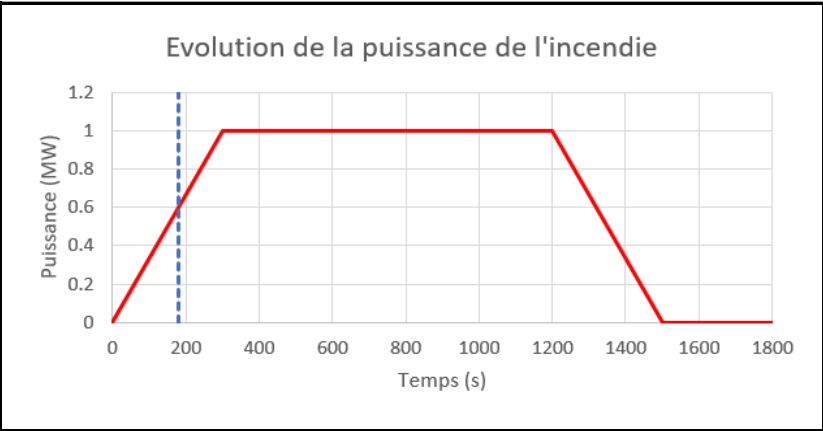
Coupe au droit du foyer



Coupe en entrée



Visibilité (m)



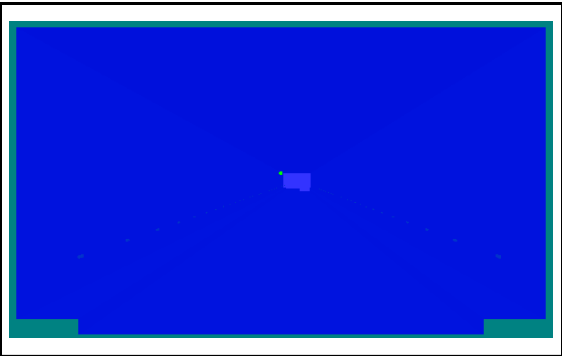
Scénario 1 : Incendie 1 MW - T = 210 s



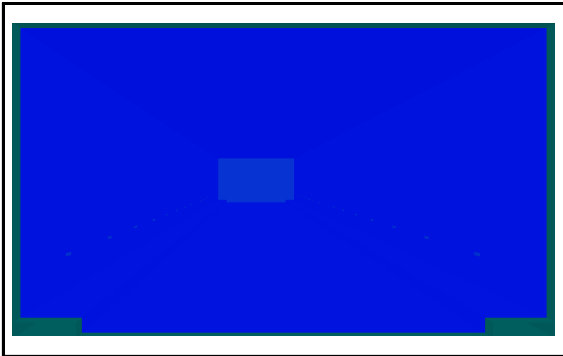
Coupe longitudinale



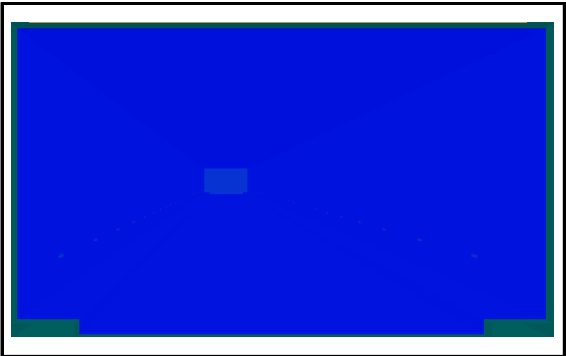
Vue à hauteur d'Homme (z=2m)



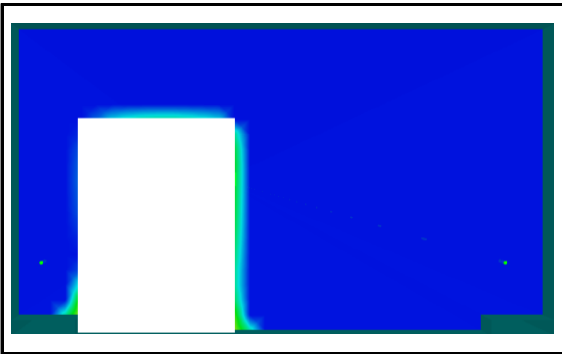
Coupe en entrée



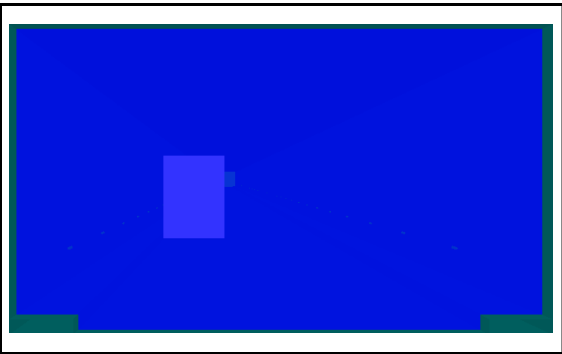
Coupe intermédiaire



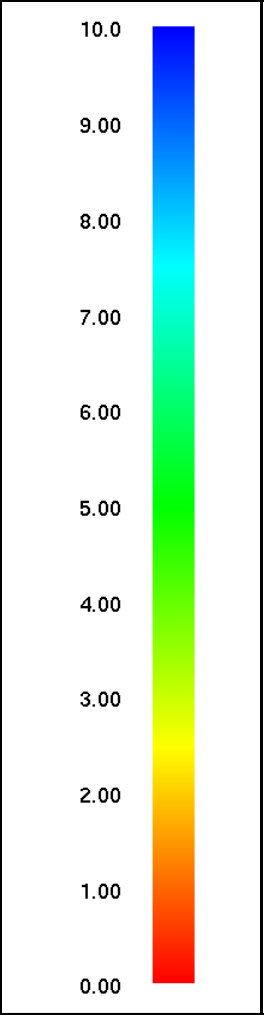
Coupe au niveau de l'issue



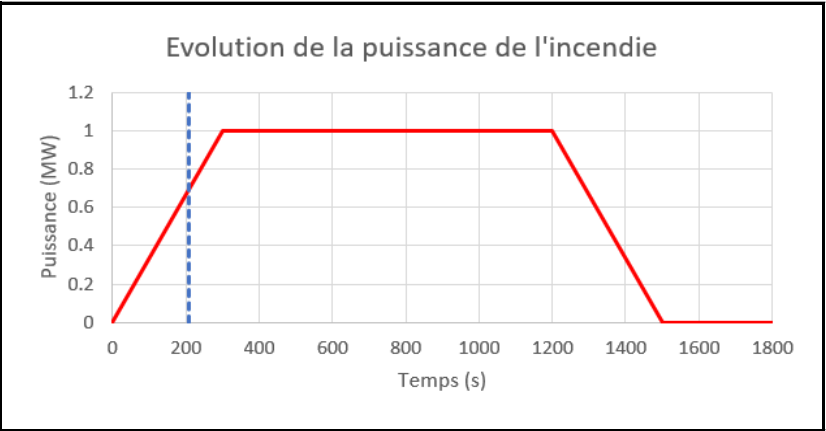
Coupe au droit du foyer



Coupe en entrée



Visibilité
(m)



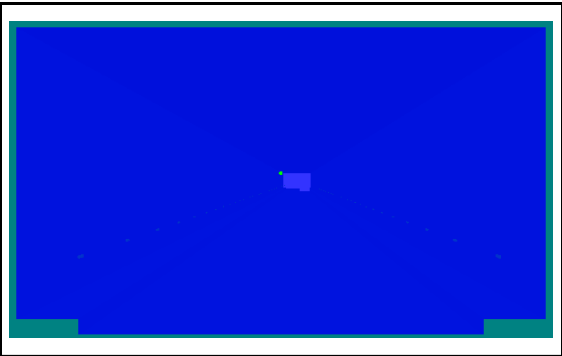
Scénario 1 : Incendie 1 MW - T = 240 s



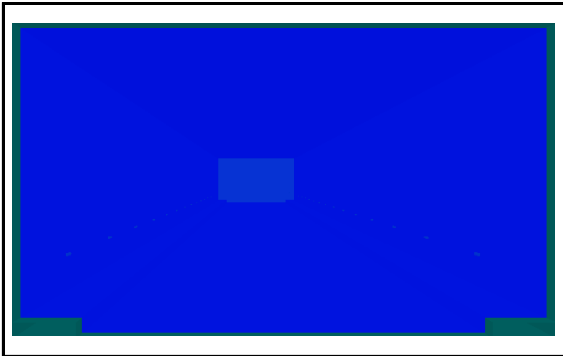
Coupe longitudinale



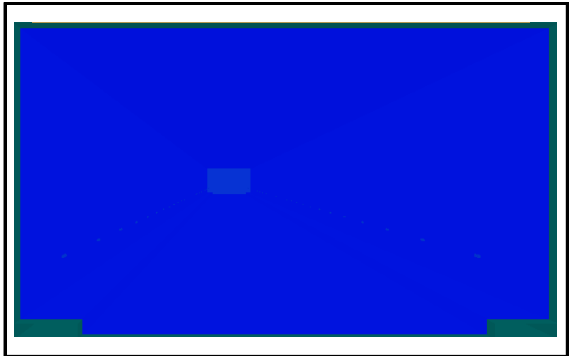
Vue à hauteur d'Homme (z=2m)



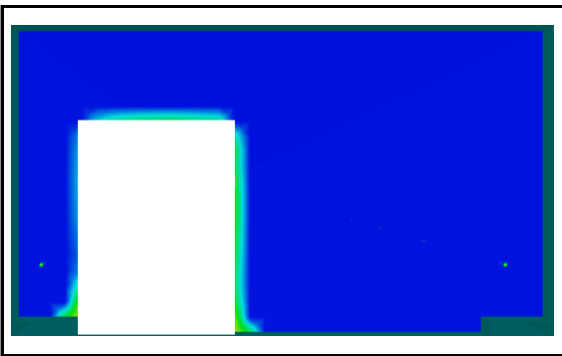
Coupe en entrée



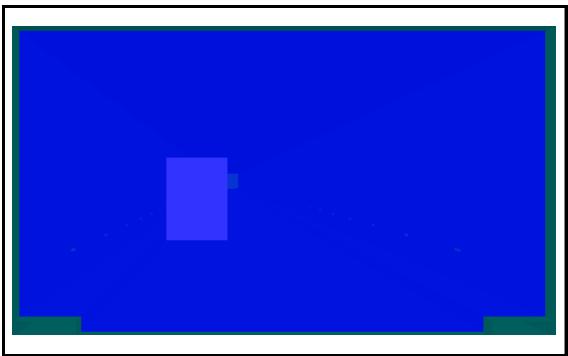
Coupe intermédiaire



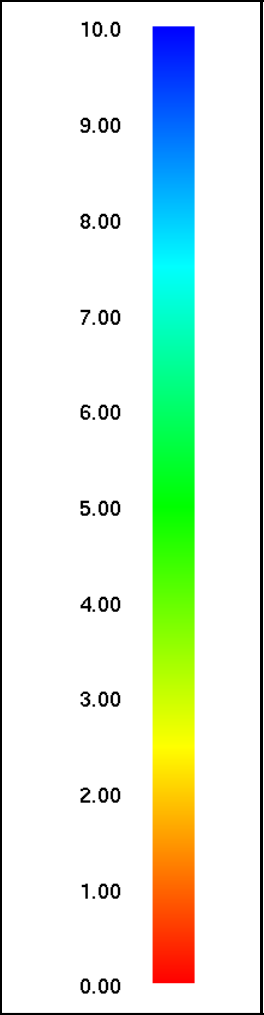
Coupe au niveau de l'issue



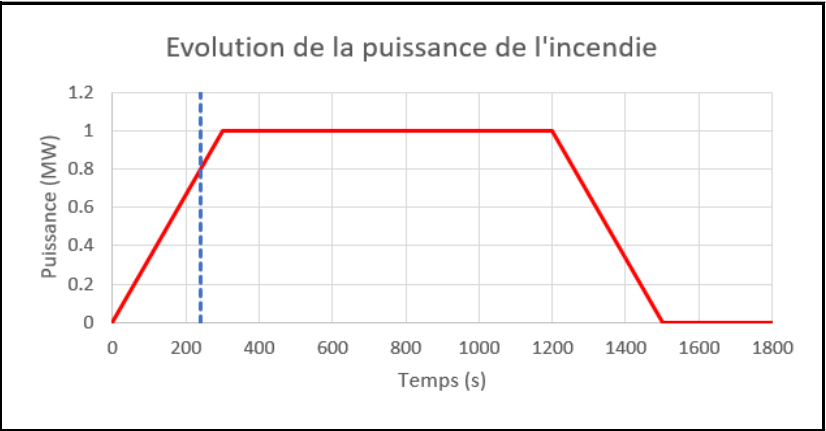
Coupe au droit du foyer

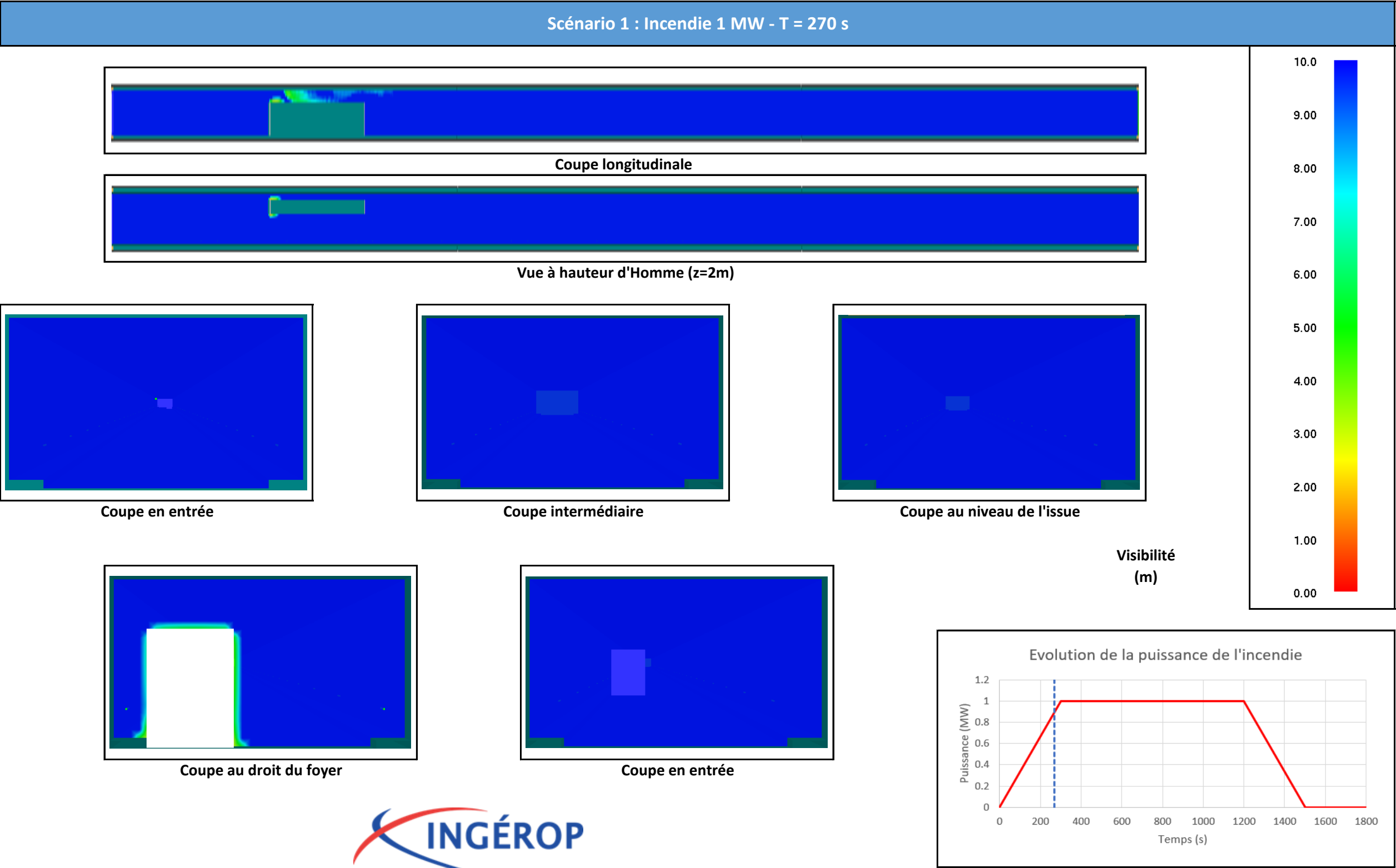


Coupe en entrée



Visibilité (m)





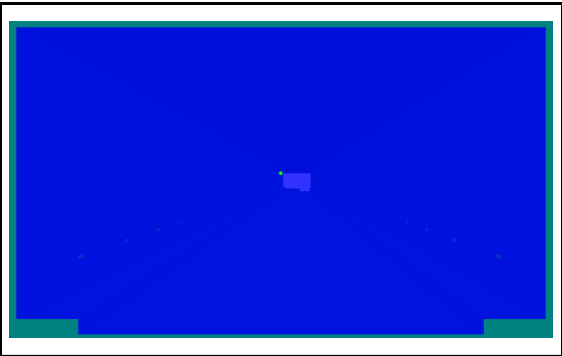
Scénario 1 : Incendie 1 MW - T = 300 s



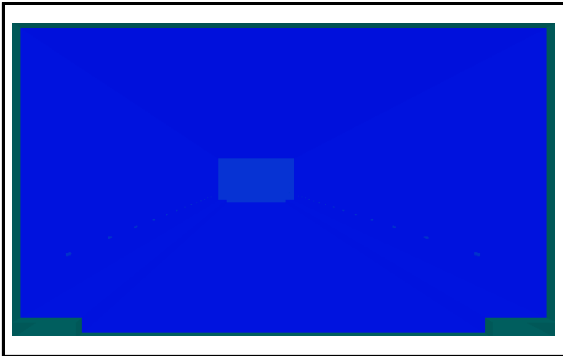
Coupe longitudinale



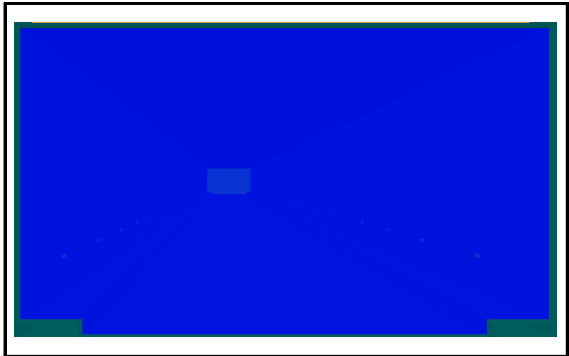
Vue à hauteur d'Homme (z=2m)



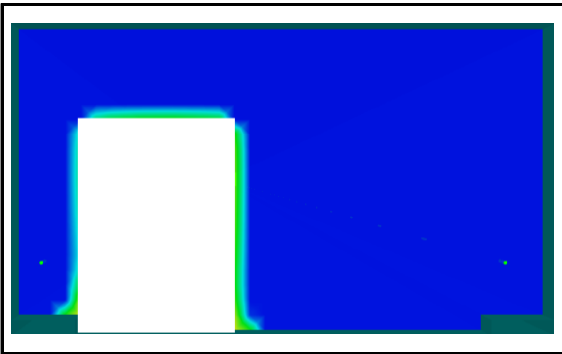
Coupe en entrée



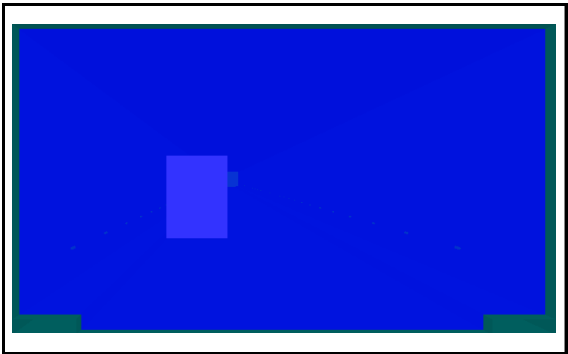
Coupe intermédiaire



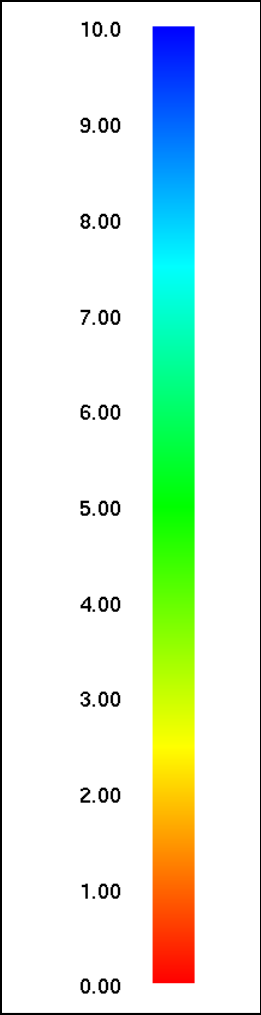
Coupe au niveau de l'issue



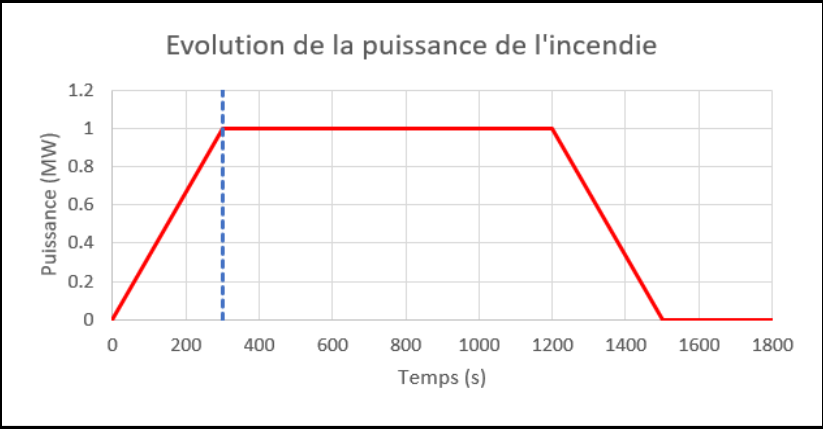
Coupe au droit du foyer



Coupe en entrée



Visibilité (m)



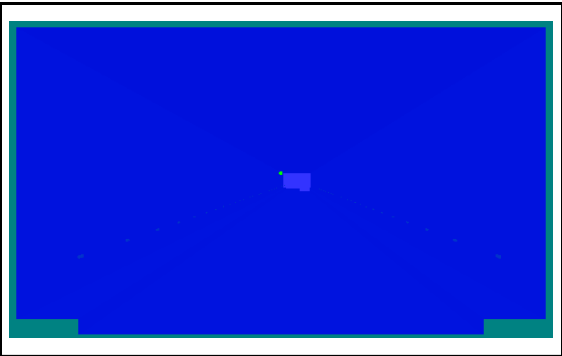
Scénario 1 : Incendie 1 MW - T = 420 s



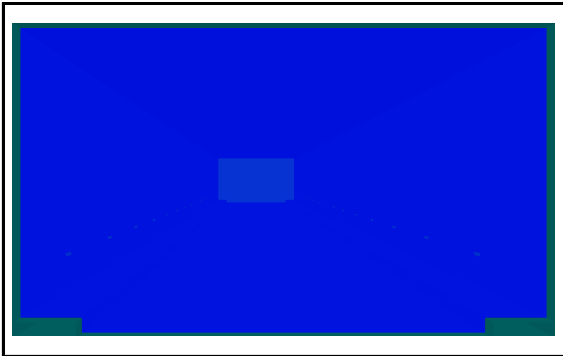
Coupe longitudinale



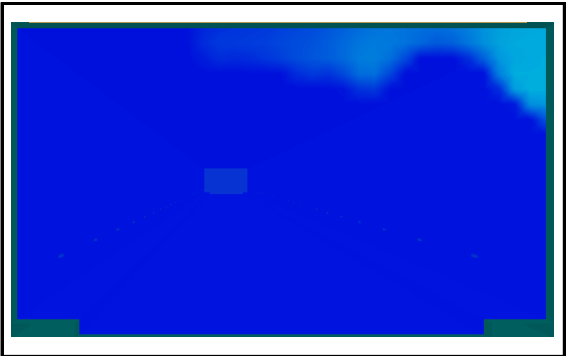
Vue à hauteur d'Homme (z=2m)



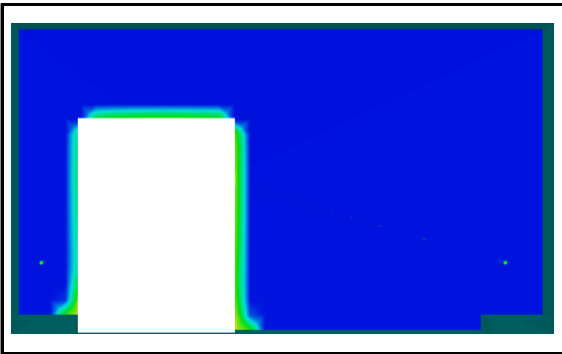
Coupe en entrée



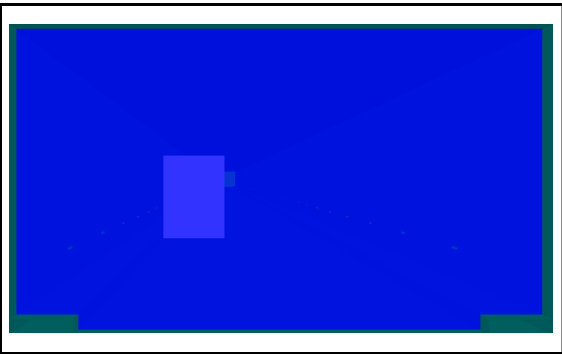
Coupe intermédiaire



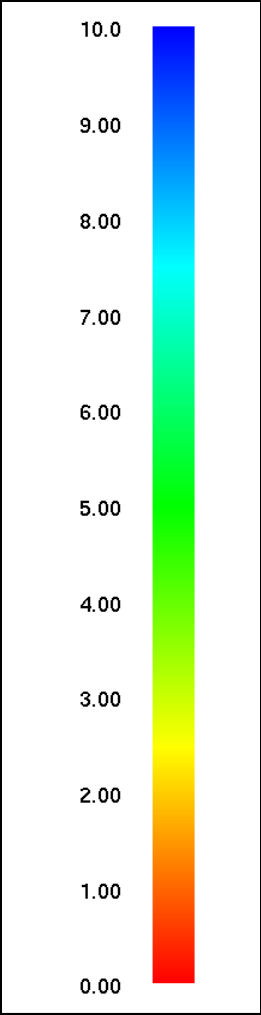
Coupe au niveau de l'issue



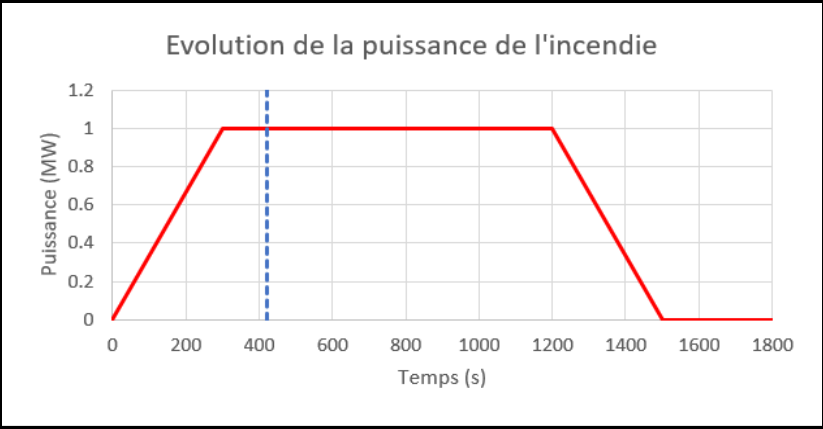
Coupe au droit du foyer



Coupe en entrée



Visibilité (m)



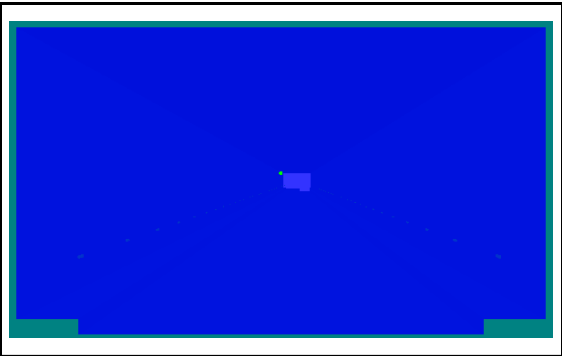
Scénario 1 : Incendie 1 MW - T = 600 s



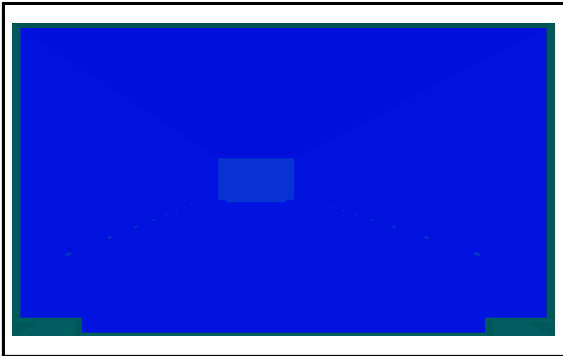
Coupe longitudinale



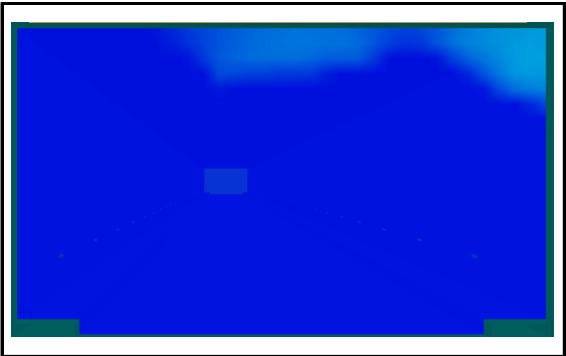
Vue à hauteur d'Homme (z=2m)



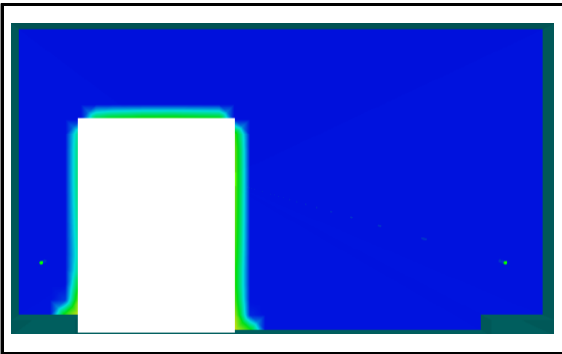
Coupe en entrée



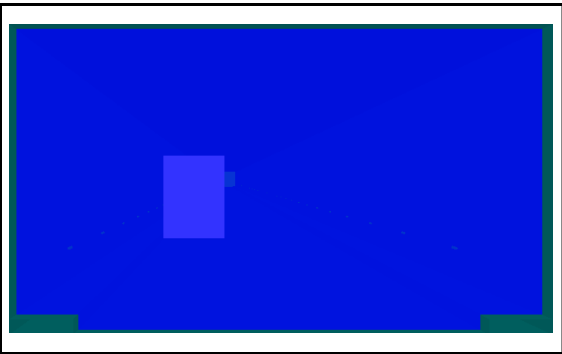
Coupe intermédiaire



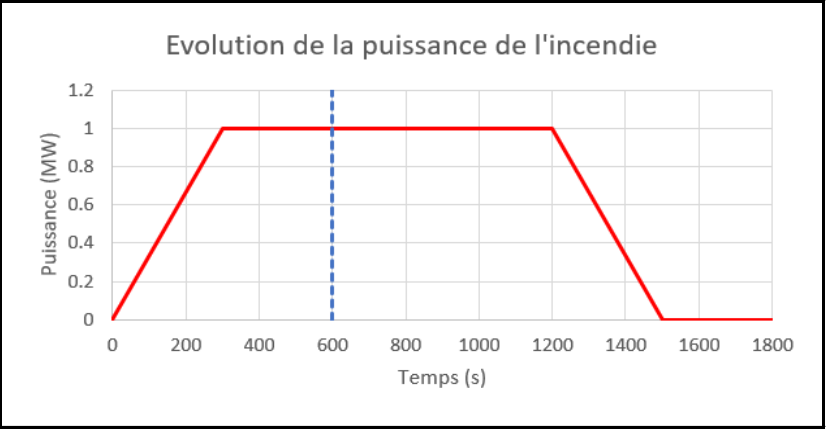
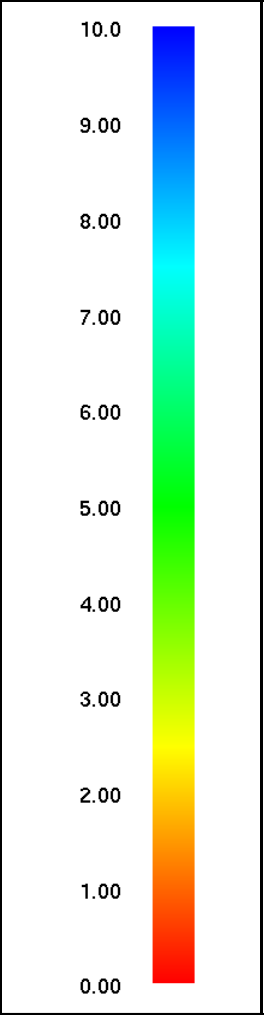
Coupe au niveau de l'issue



Coupe au droit du foyer



Coupe en entrée



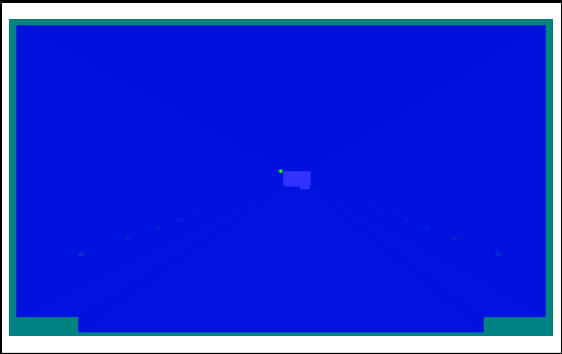
Scénario 1 : Incendie 1 MW - T = 900 s



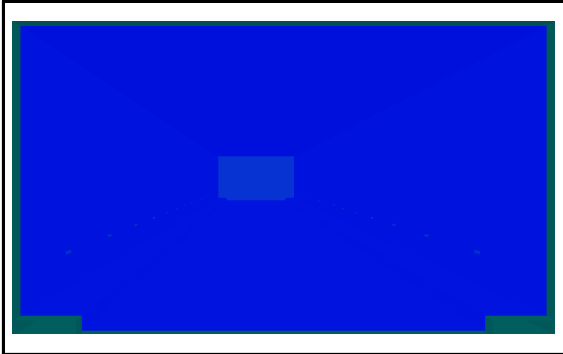
Coupe longitudinale



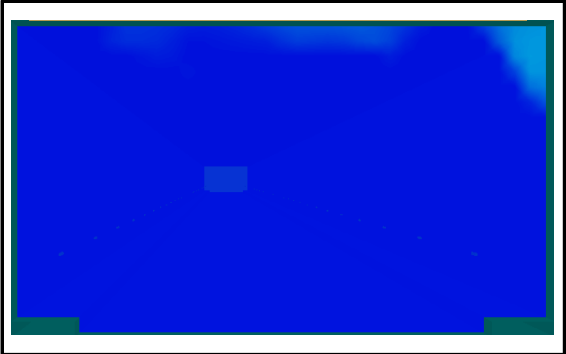
Vue à hauteur d'Homme (z=2m)



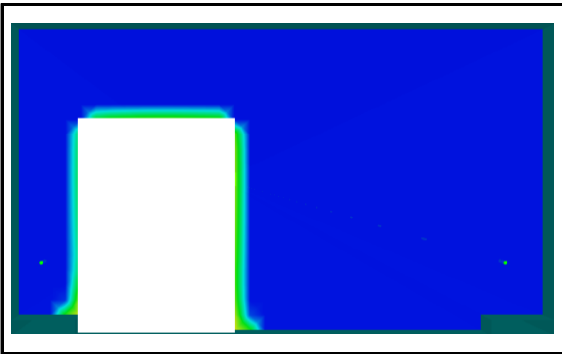
Coupe en entrée



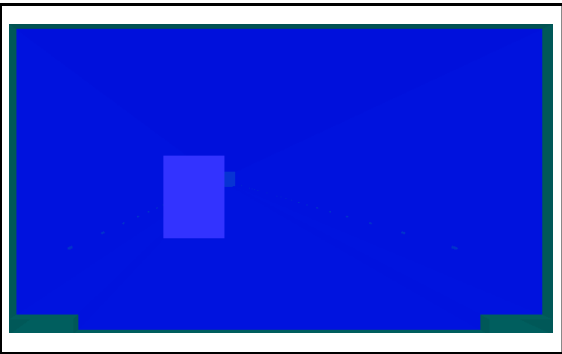
Coupe intermédiaire



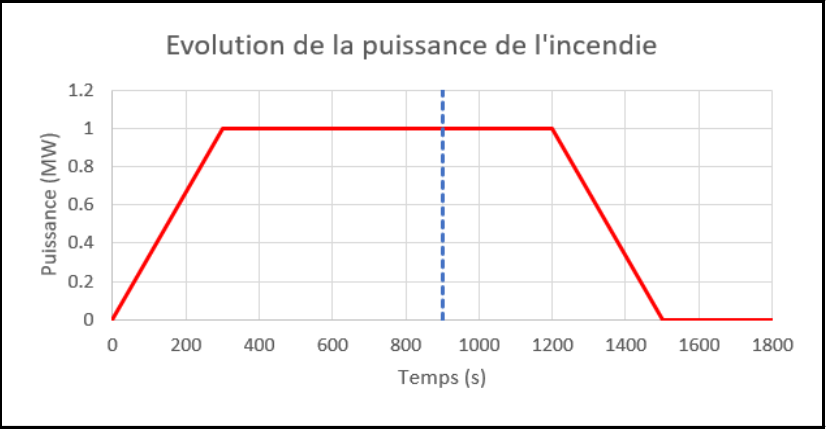
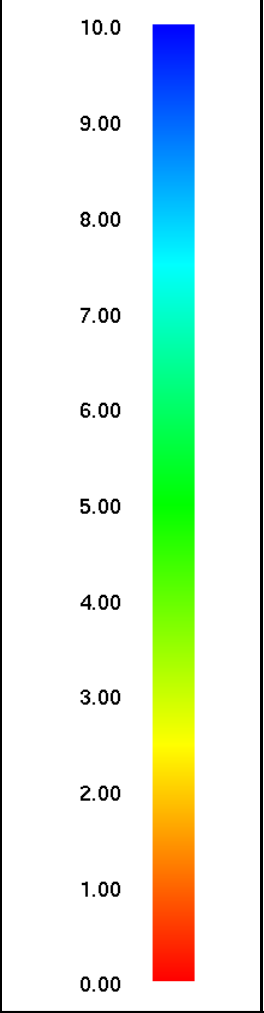
Coupe au niveau de l'issue

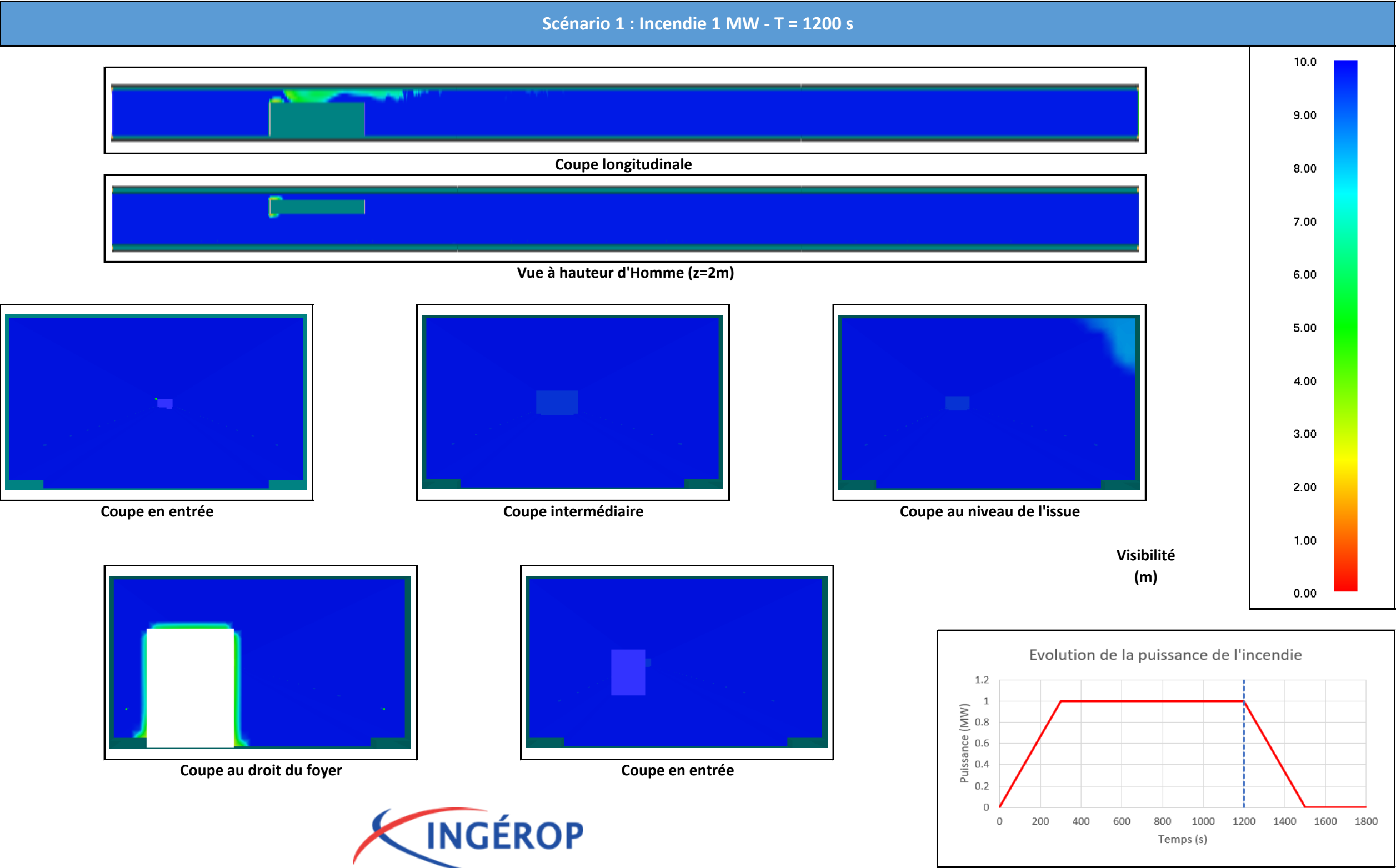


Coupe au droit du foyer



Coupe en entrée

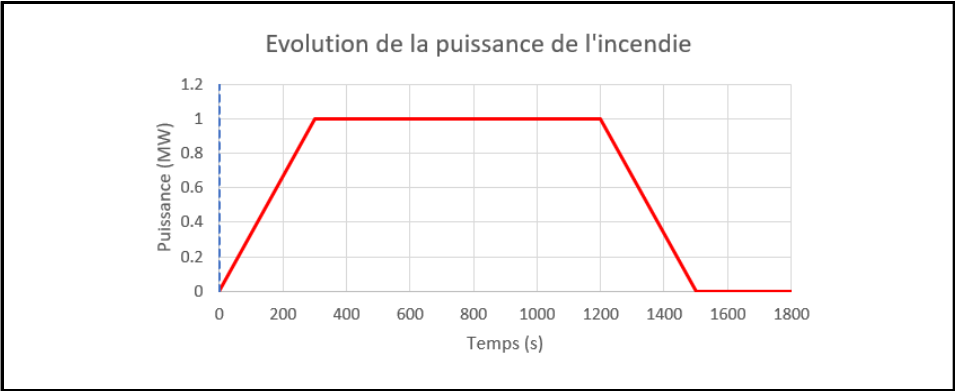
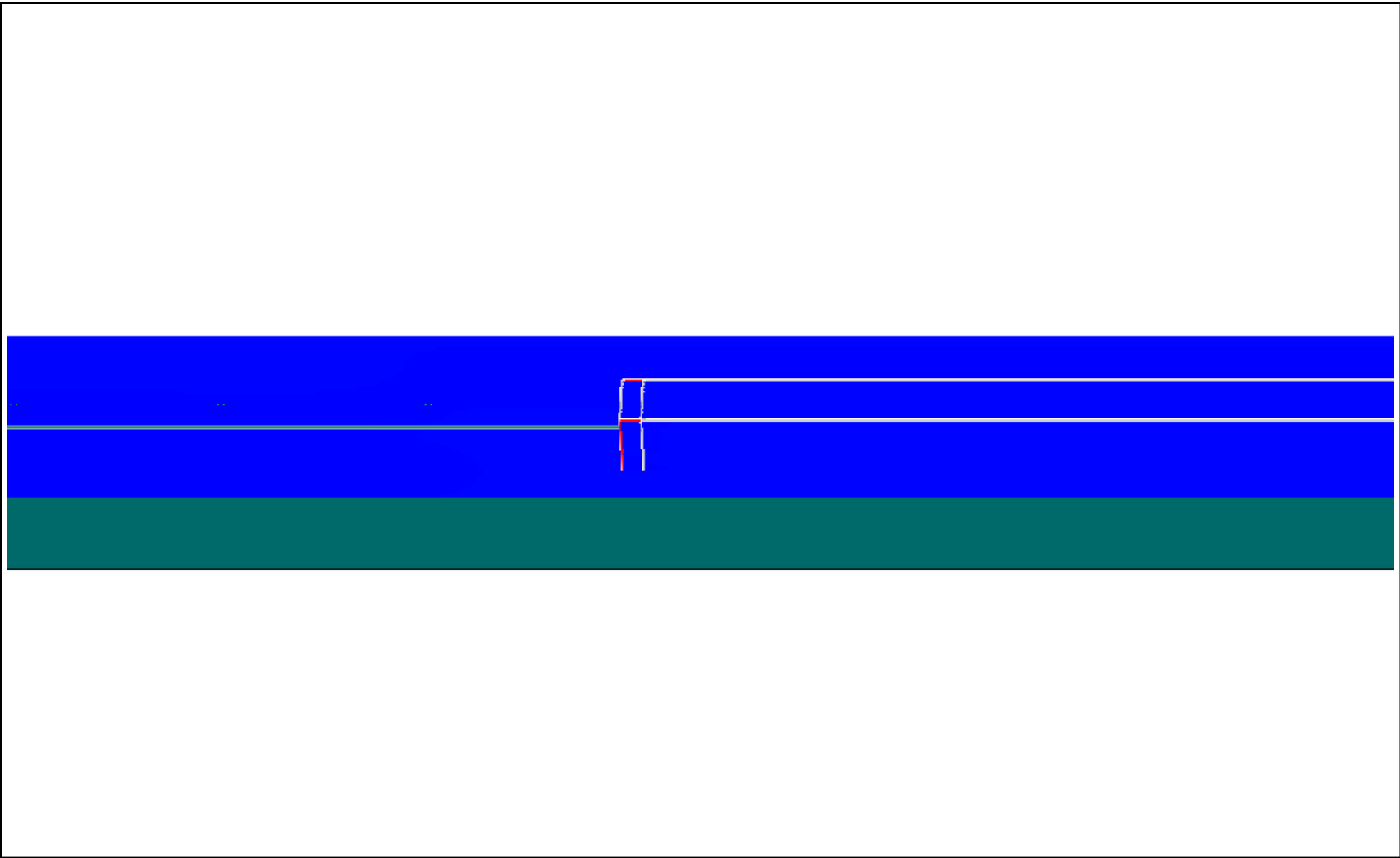




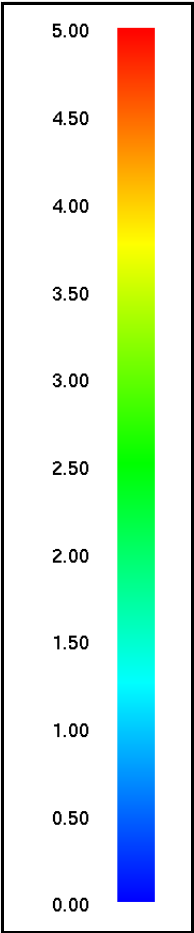
Rayonnement

Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 0 s

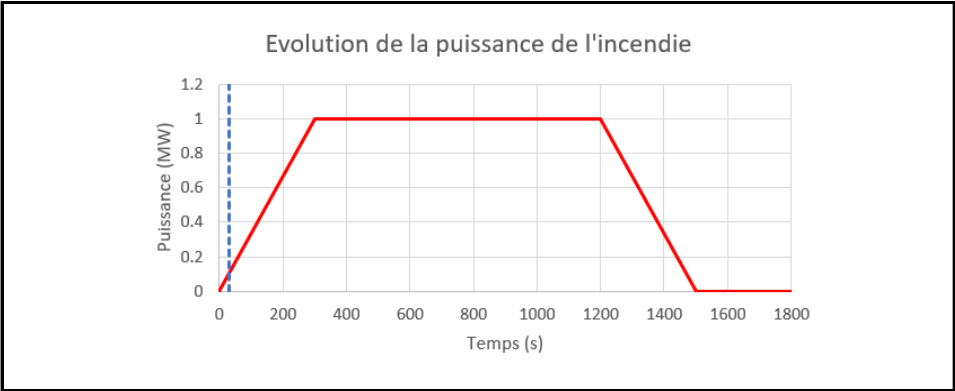
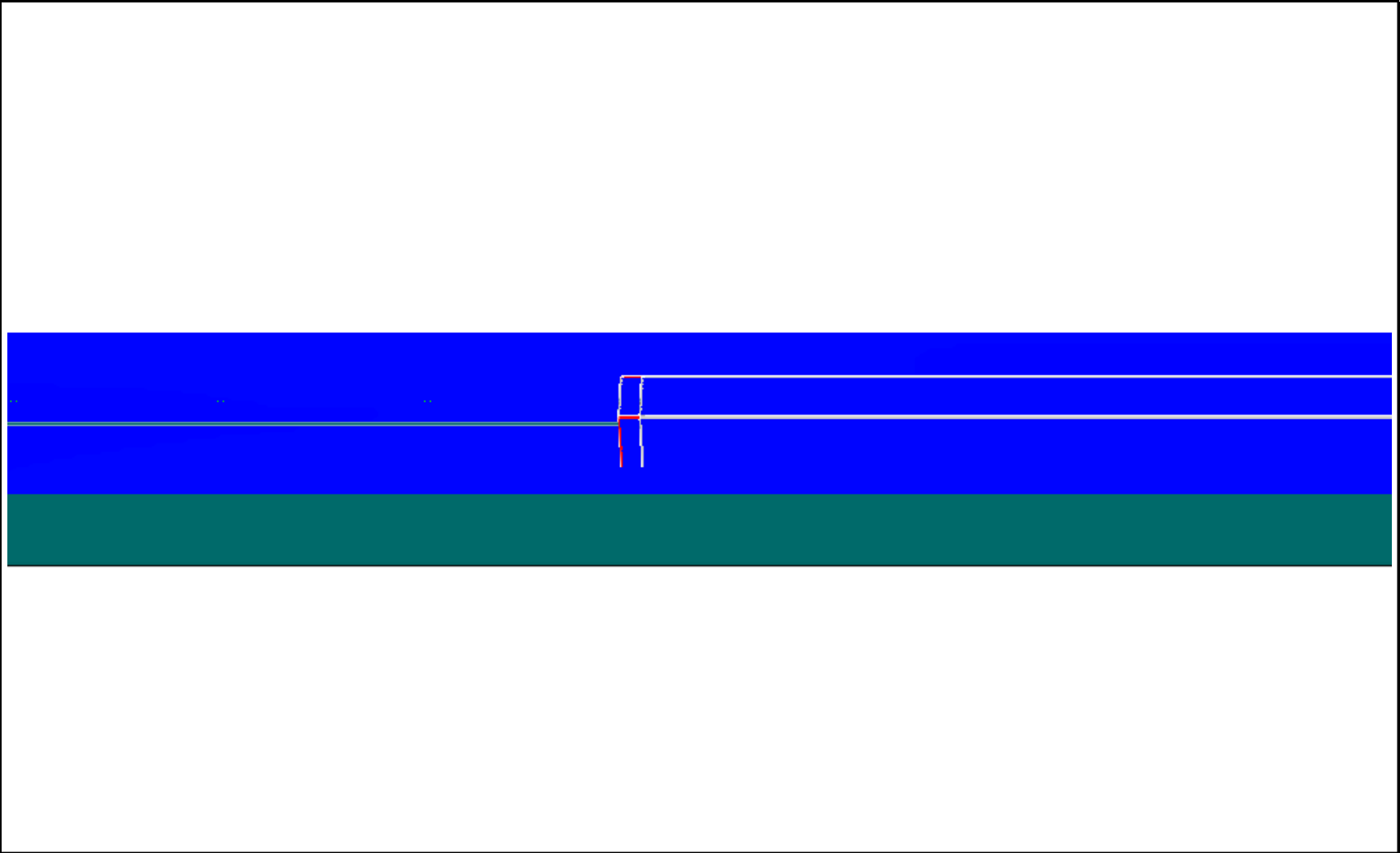


Rayonnement
(KW/m²)

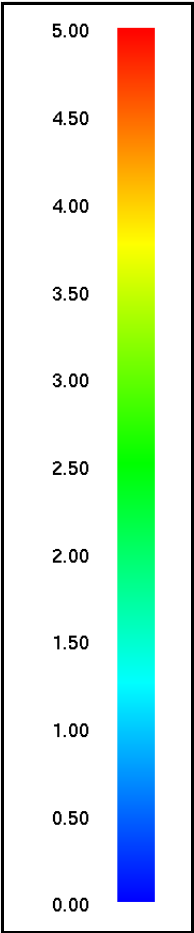


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 30 s

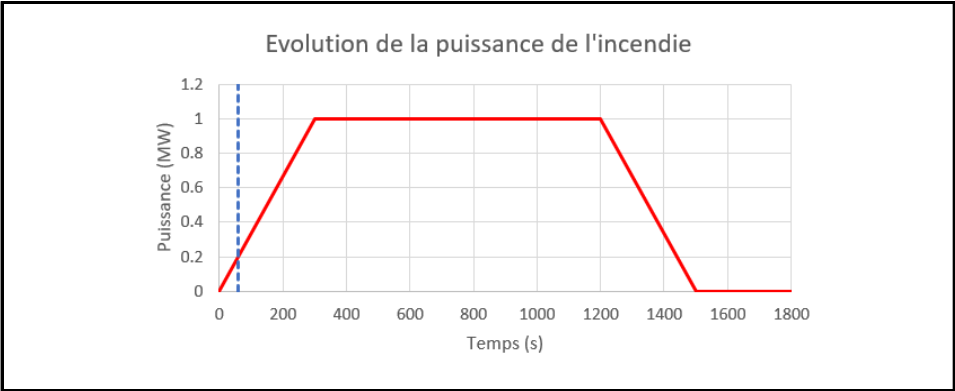
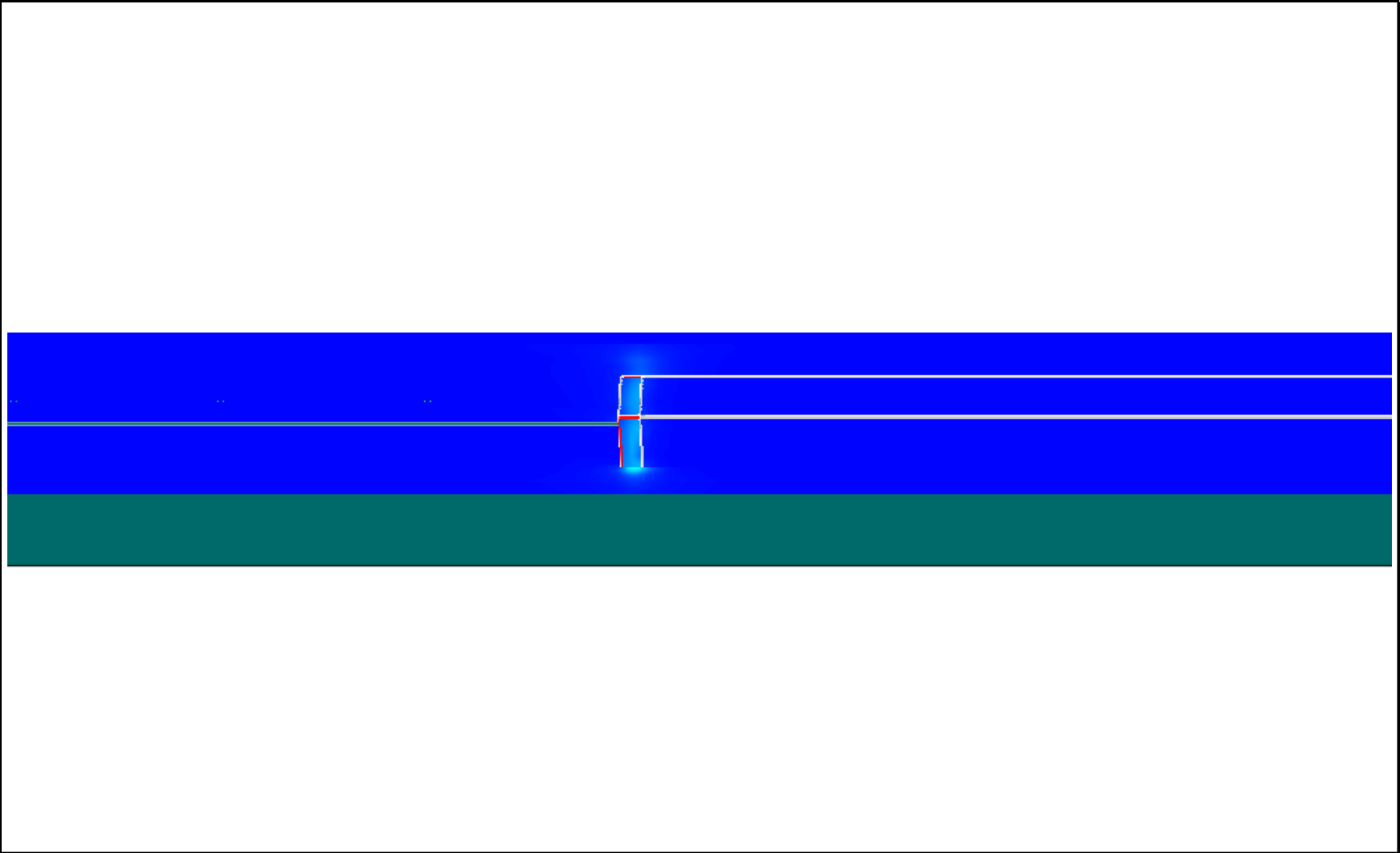


Rayonnement
(KW/m²)

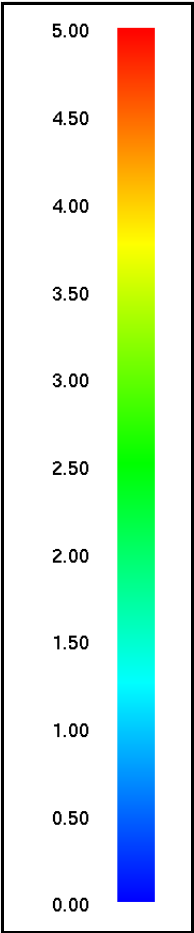


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 60 s

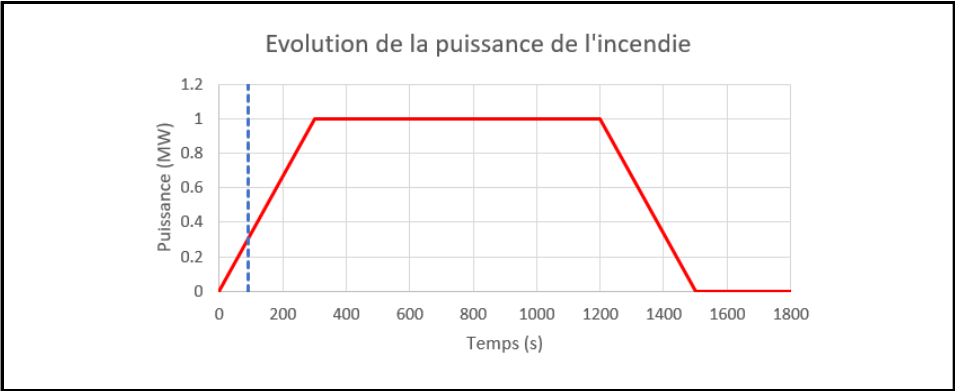
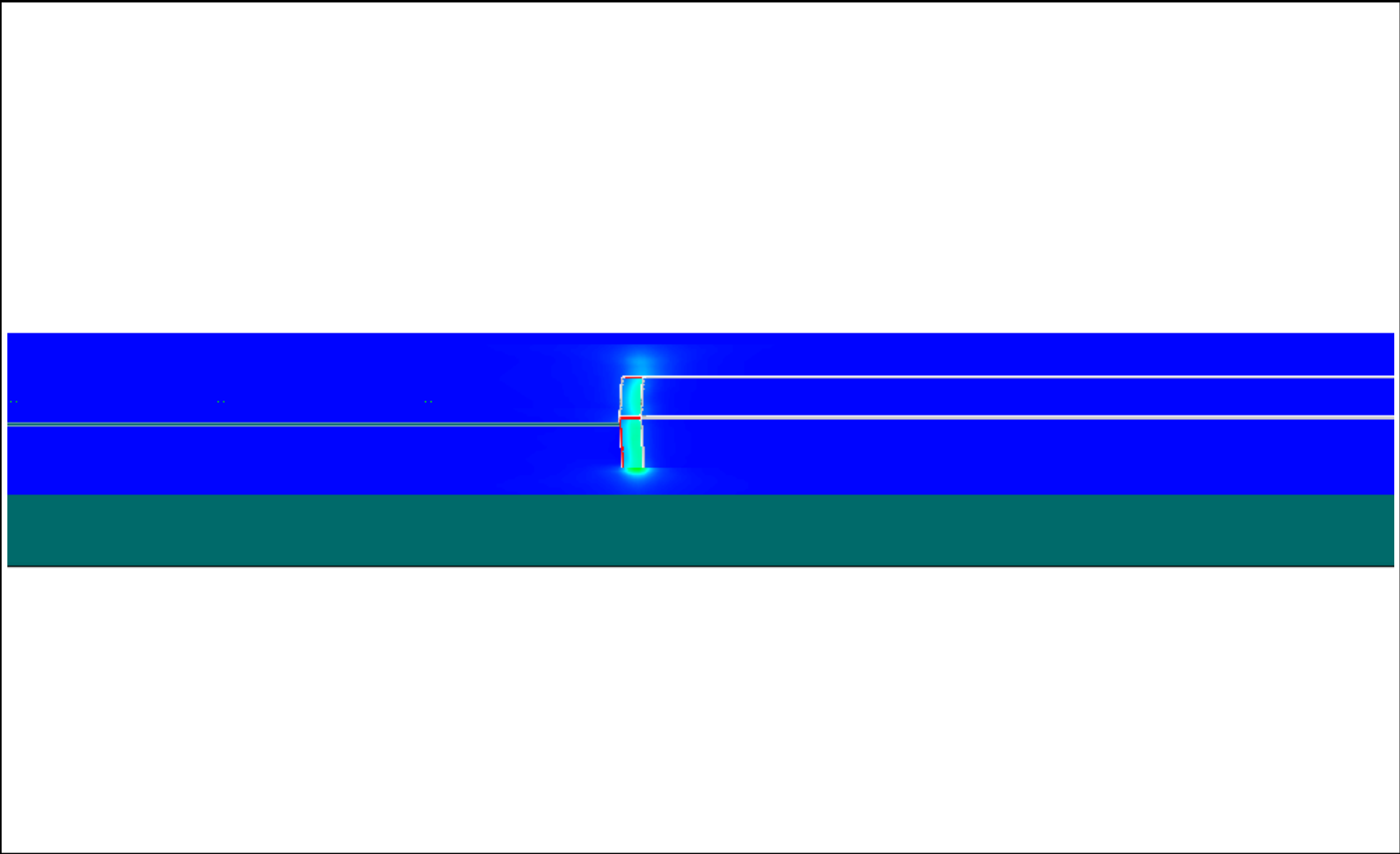


Rayonnement
(KW/m²)

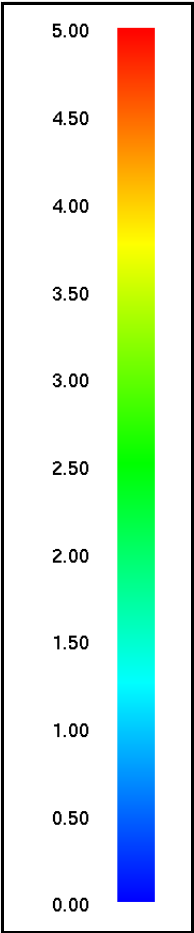


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 90 s

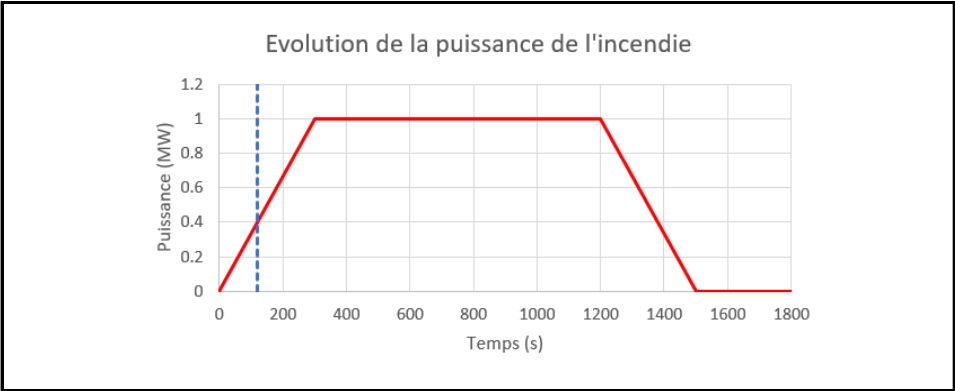
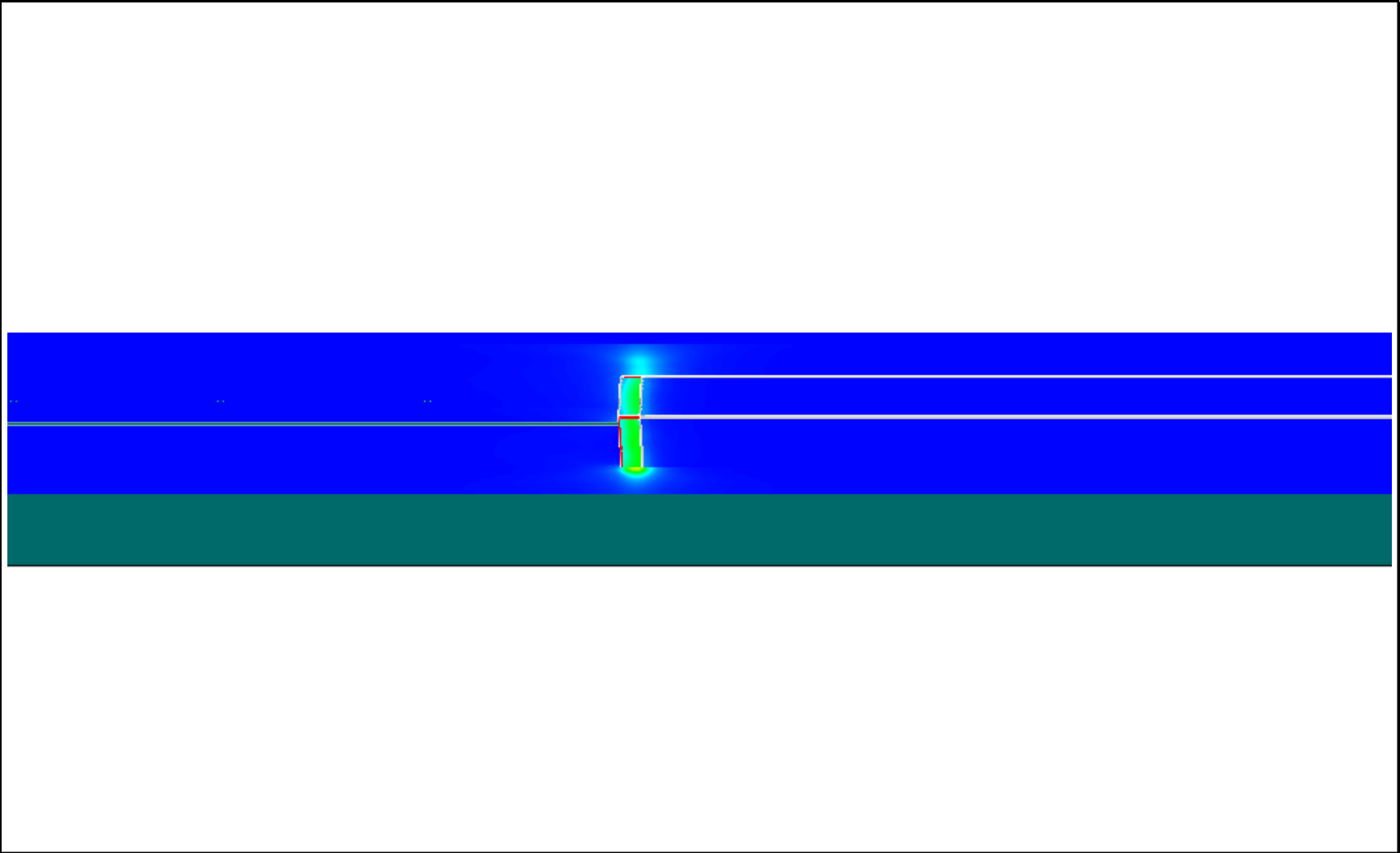


Rayonnement
(KW/m²)

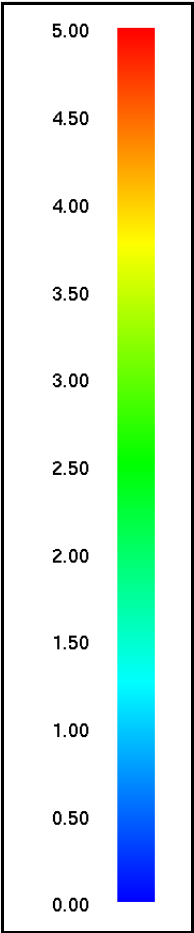


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 120 s

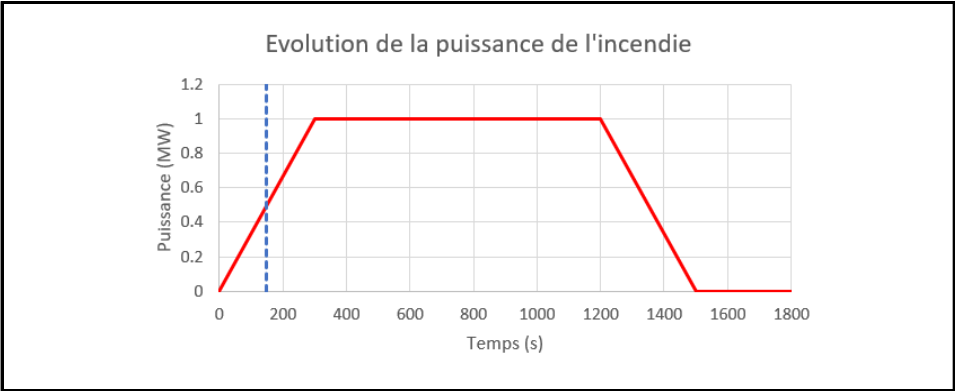
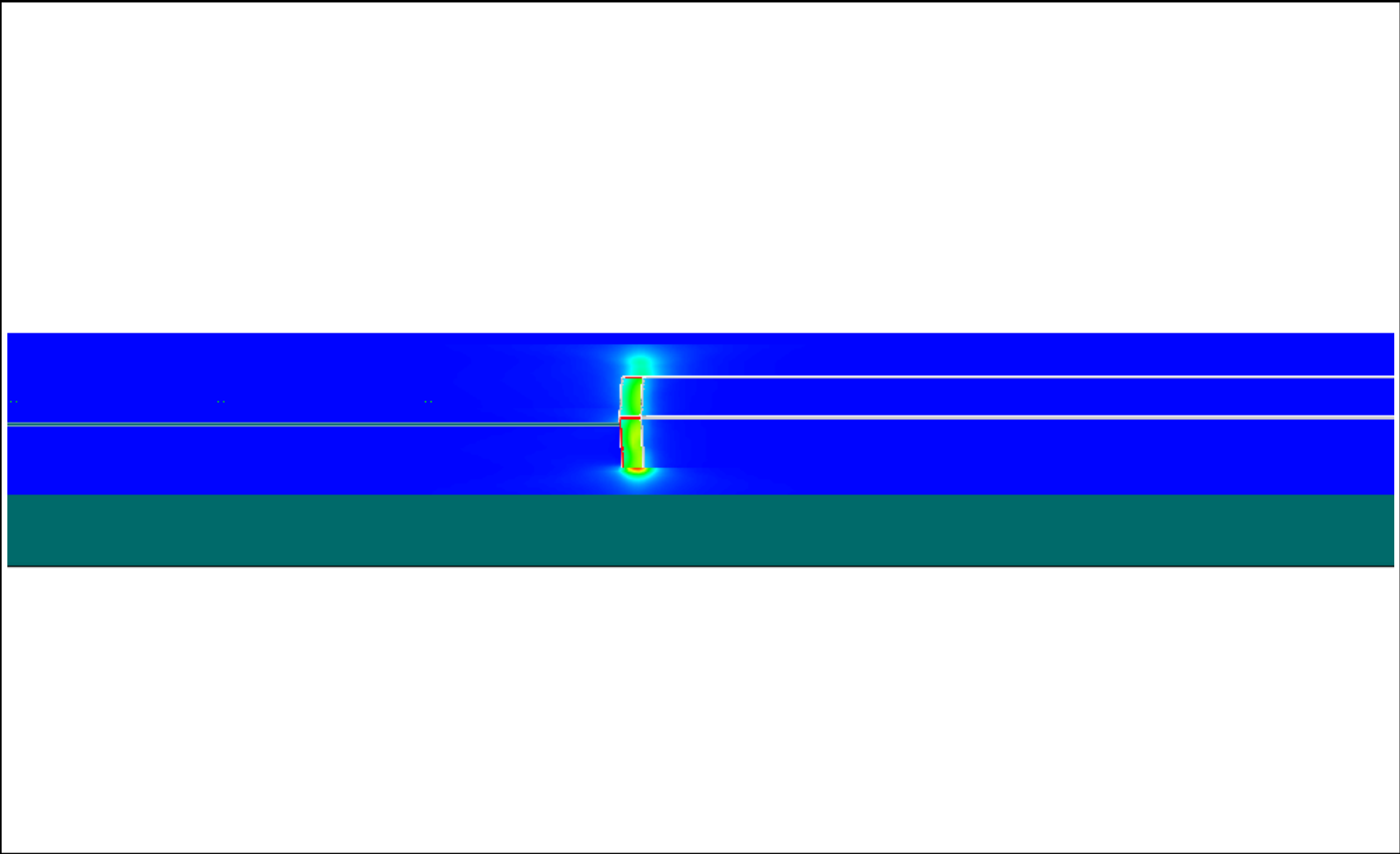


Rayonnement
(KW/m²)

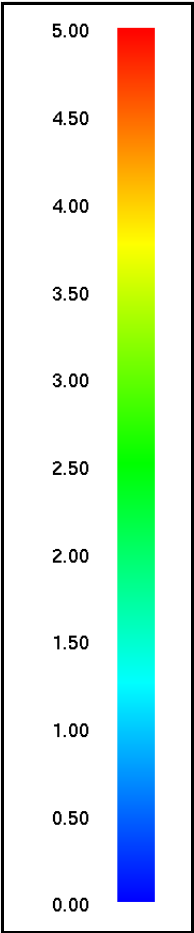


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 150 s

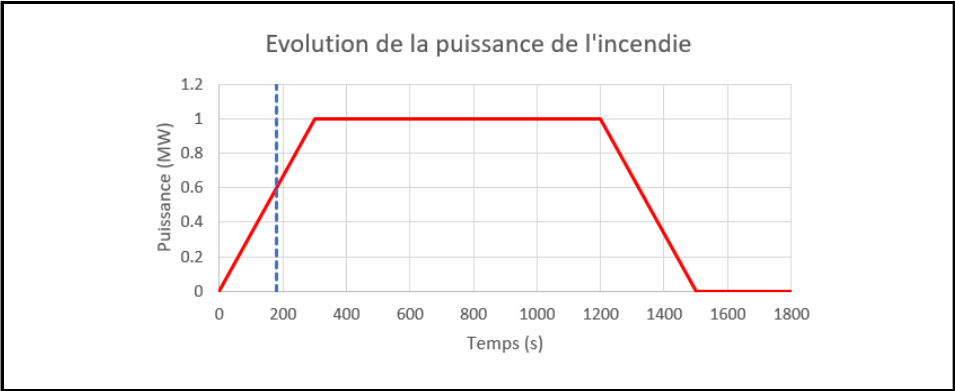
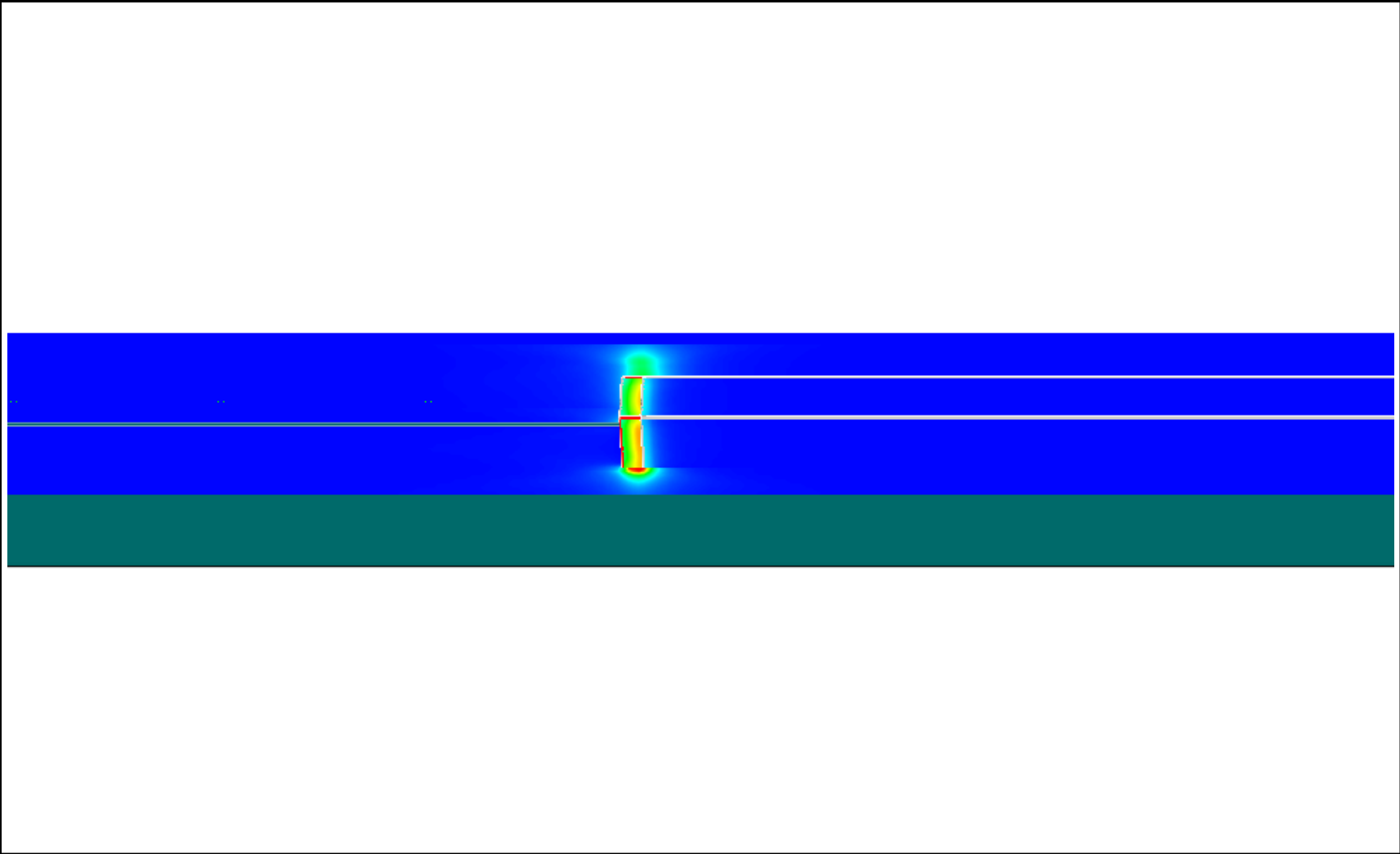


Rayonnement
(KW/m²)

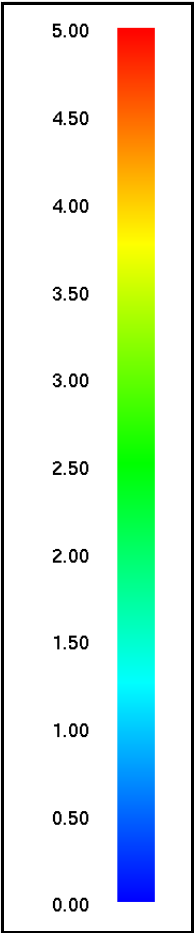


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 180 s

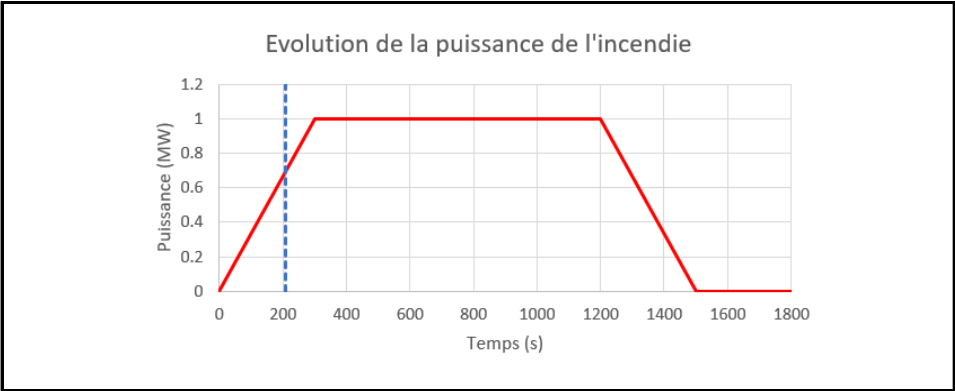
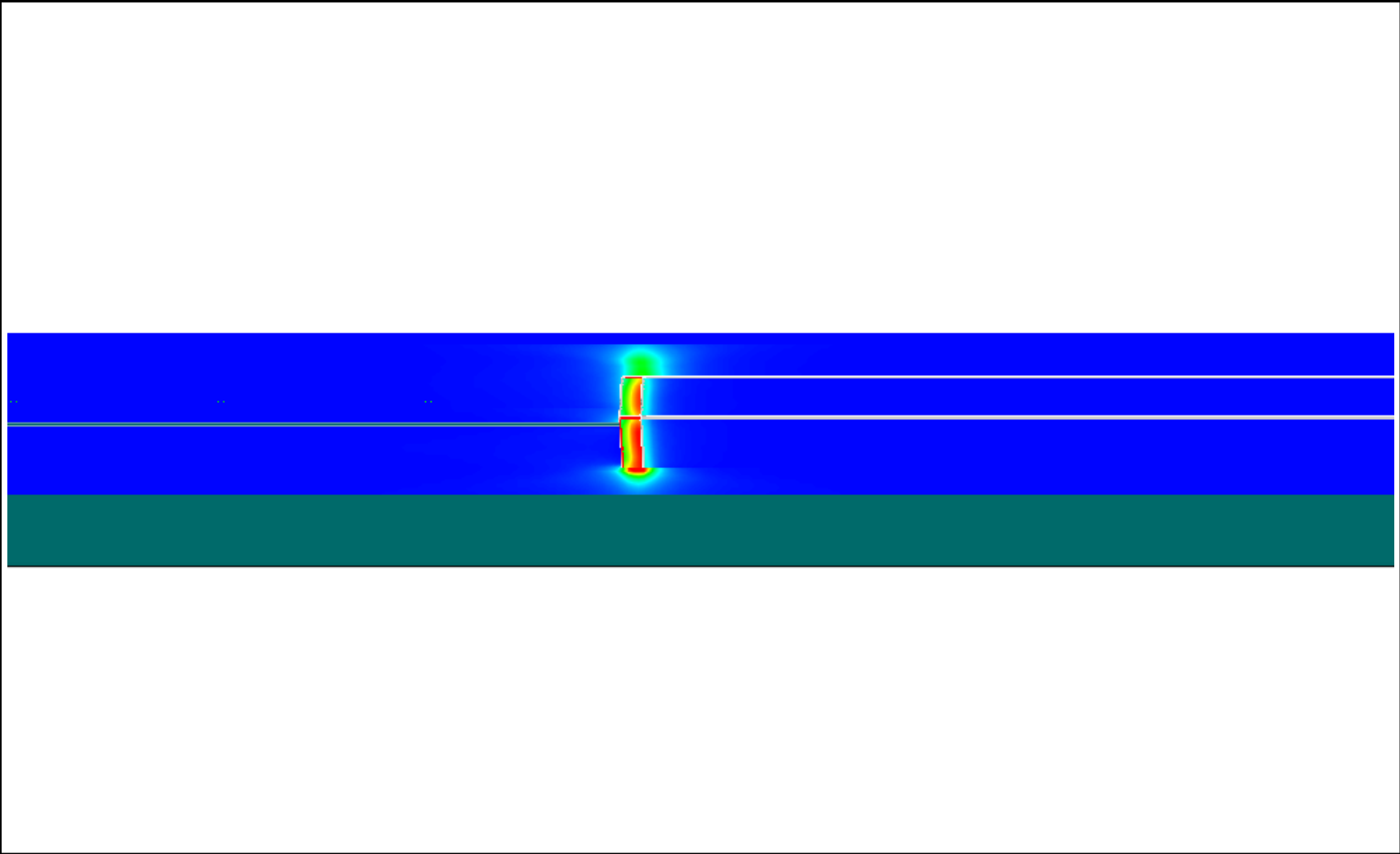


Rayonnement
(KW/m²)

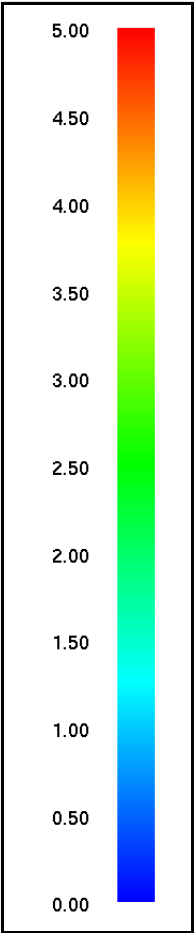


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 210 s

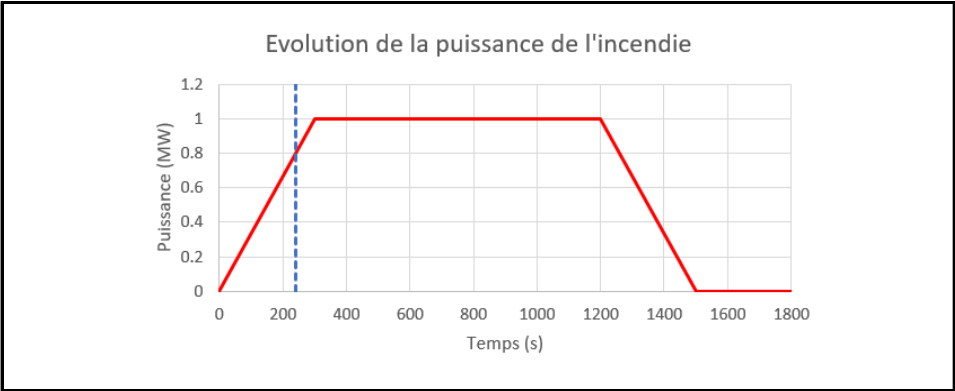
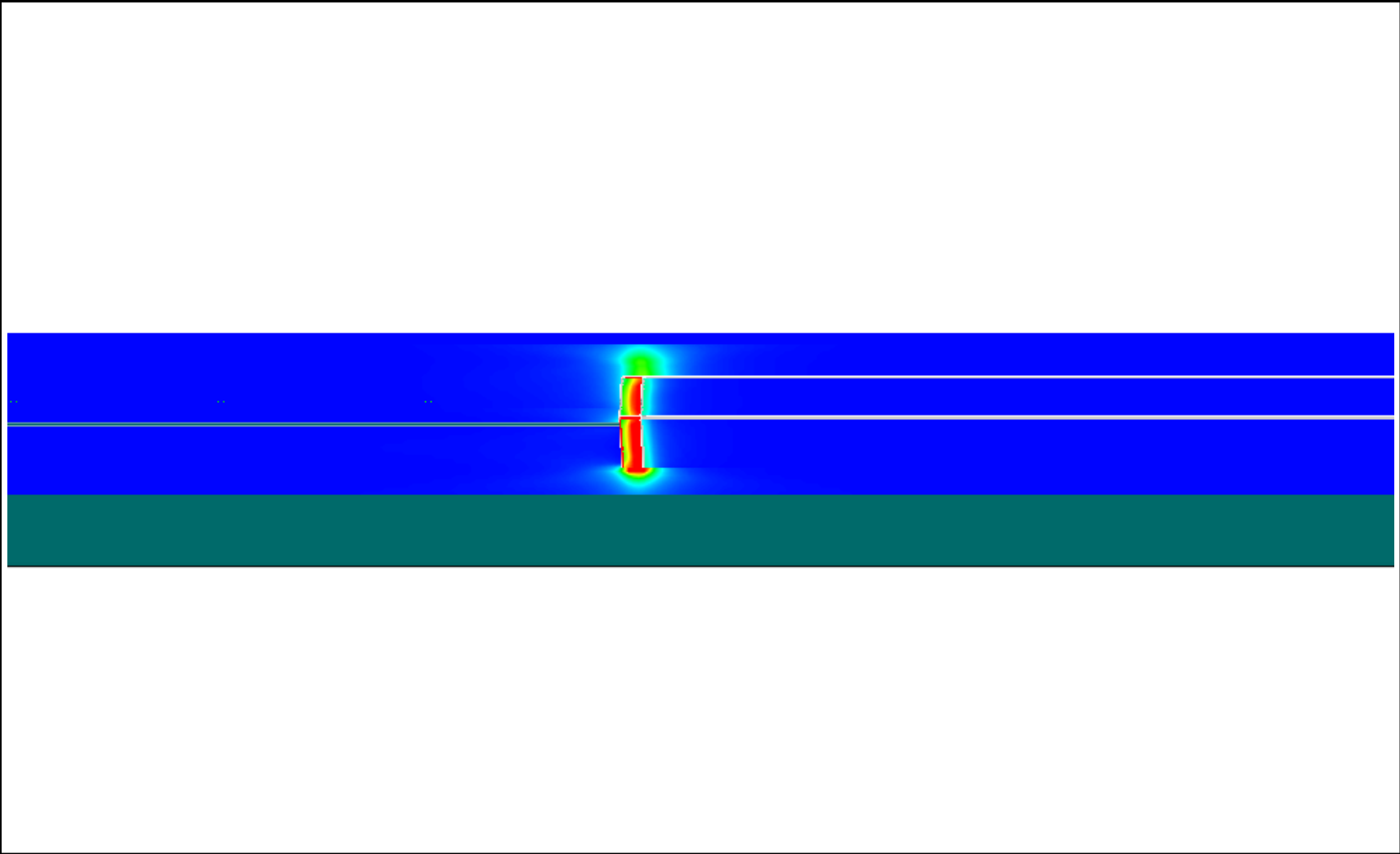


Rayonnement
(KW/m²)

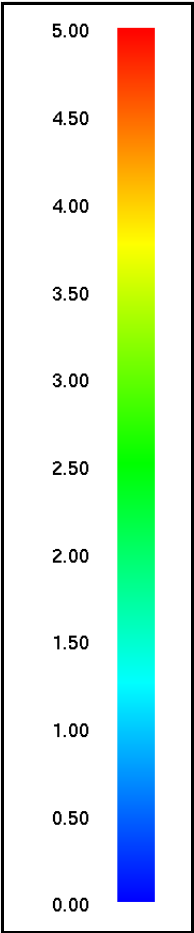


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 240 s

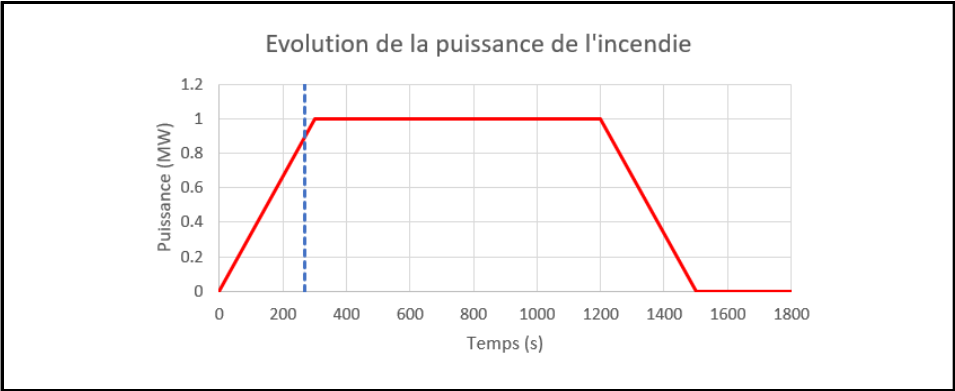
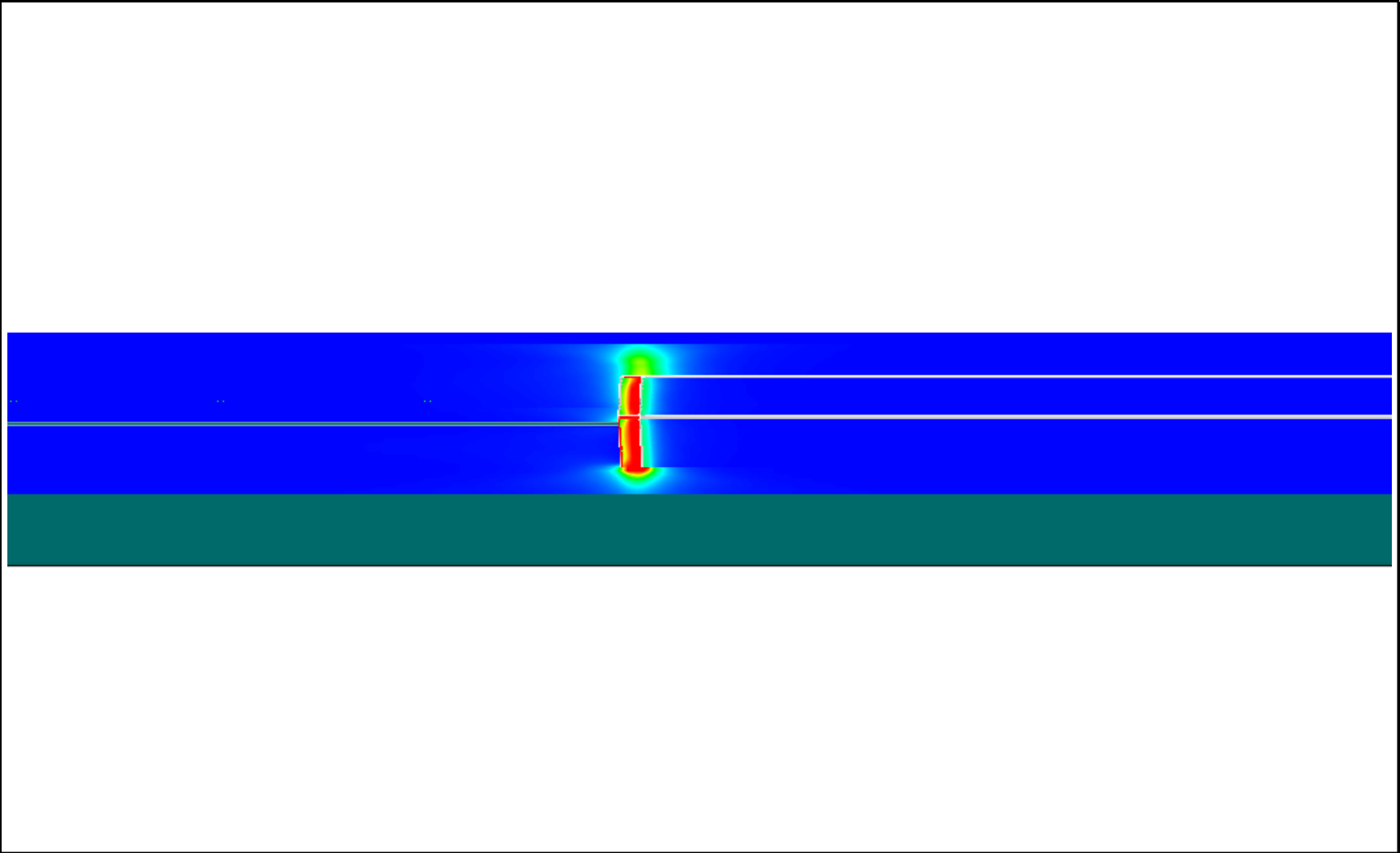


Rayonnement
(KW/m²)

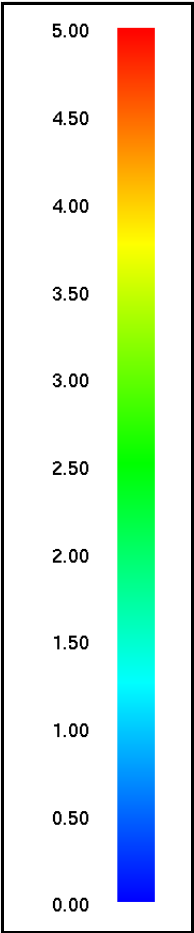


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 270 s

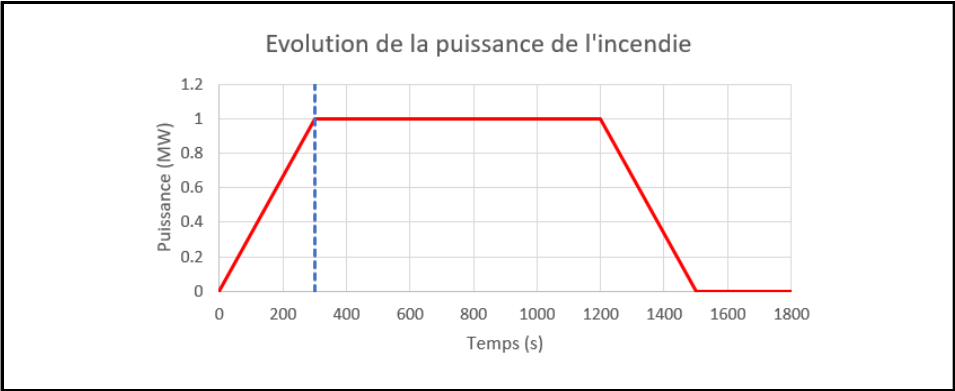
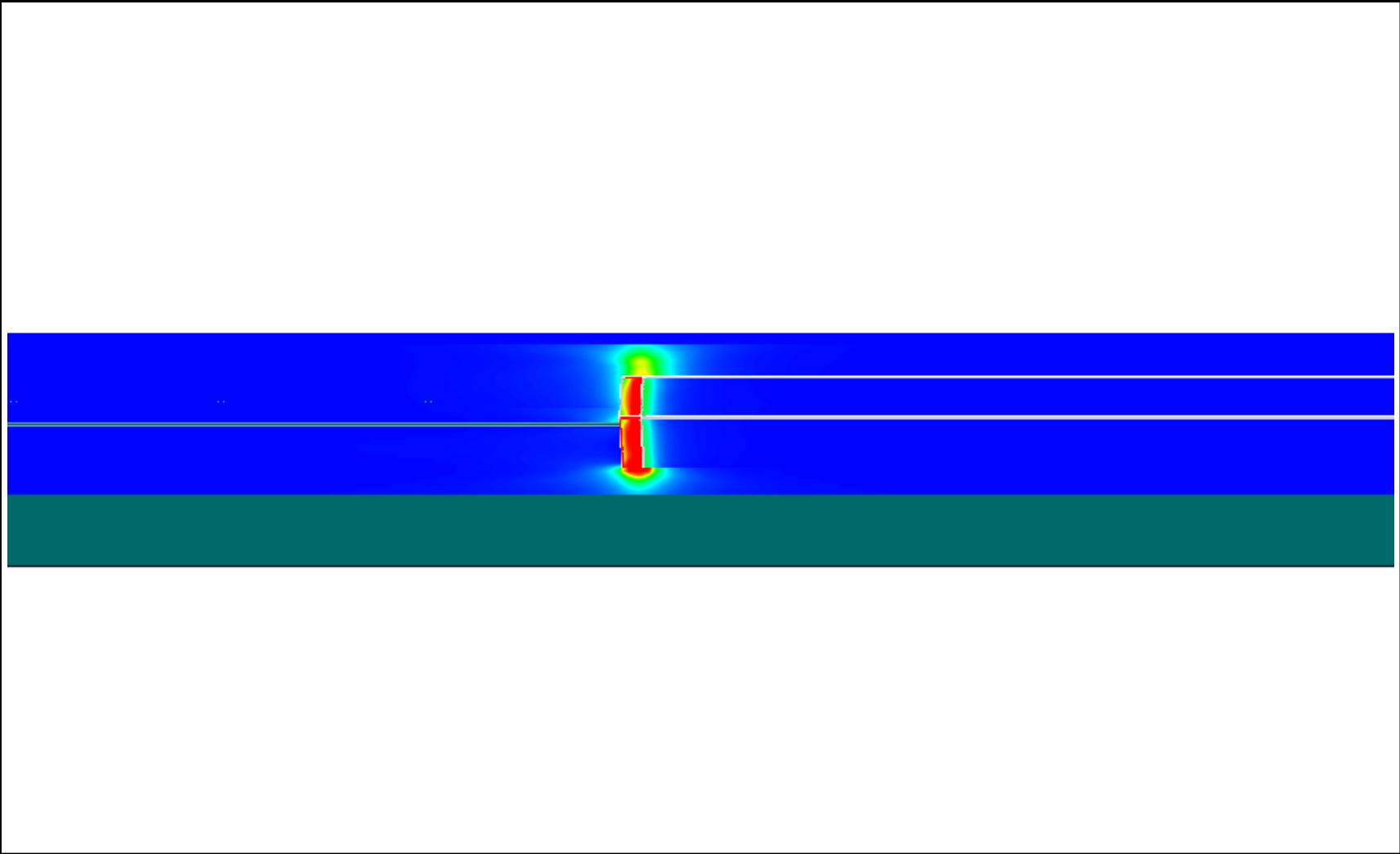


Rayonnement
(KW/m²)

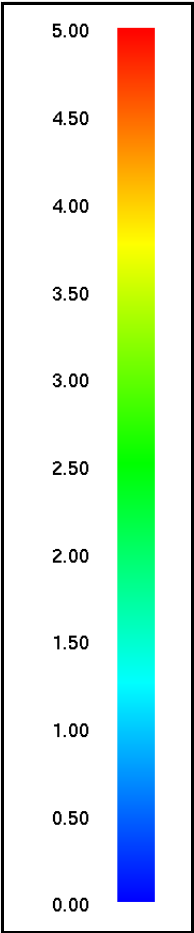


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 300 s

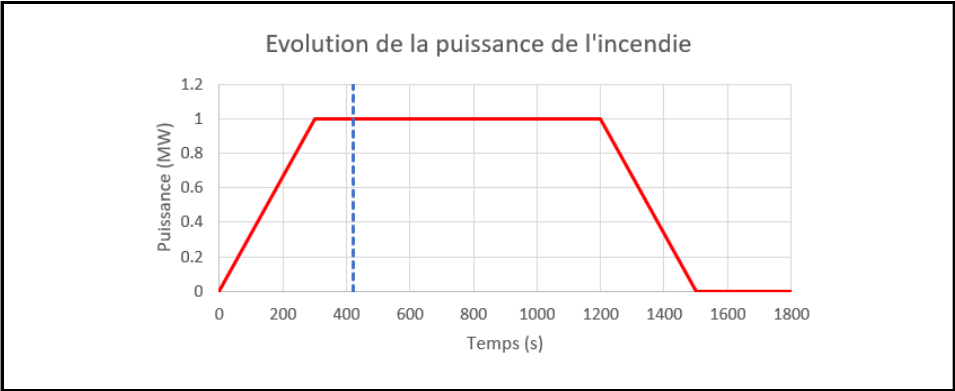
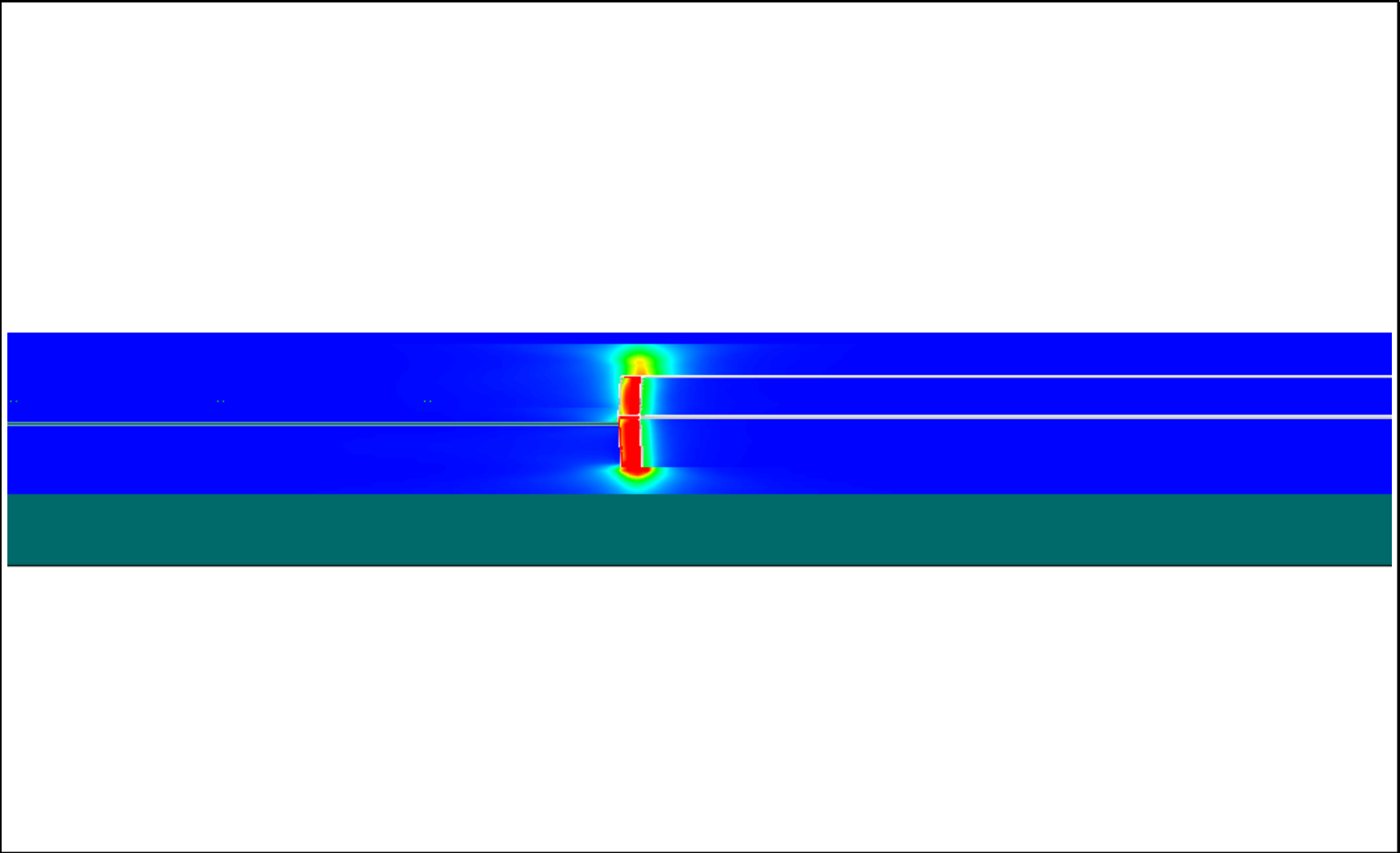


Rayonnement
(KW/m²)

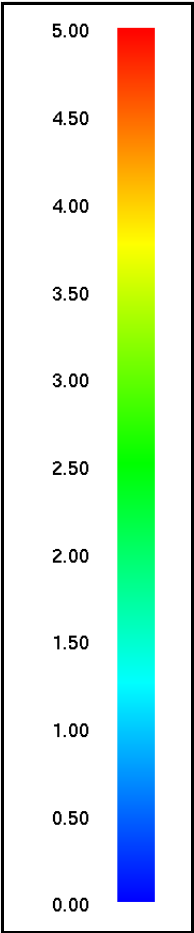


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 420 s

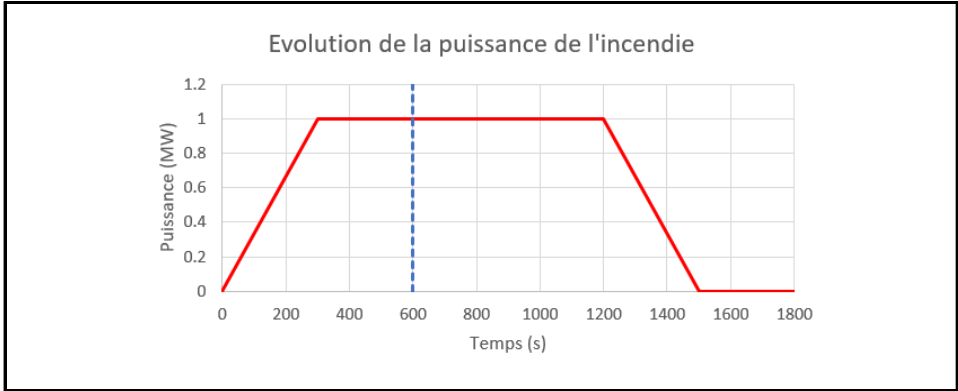
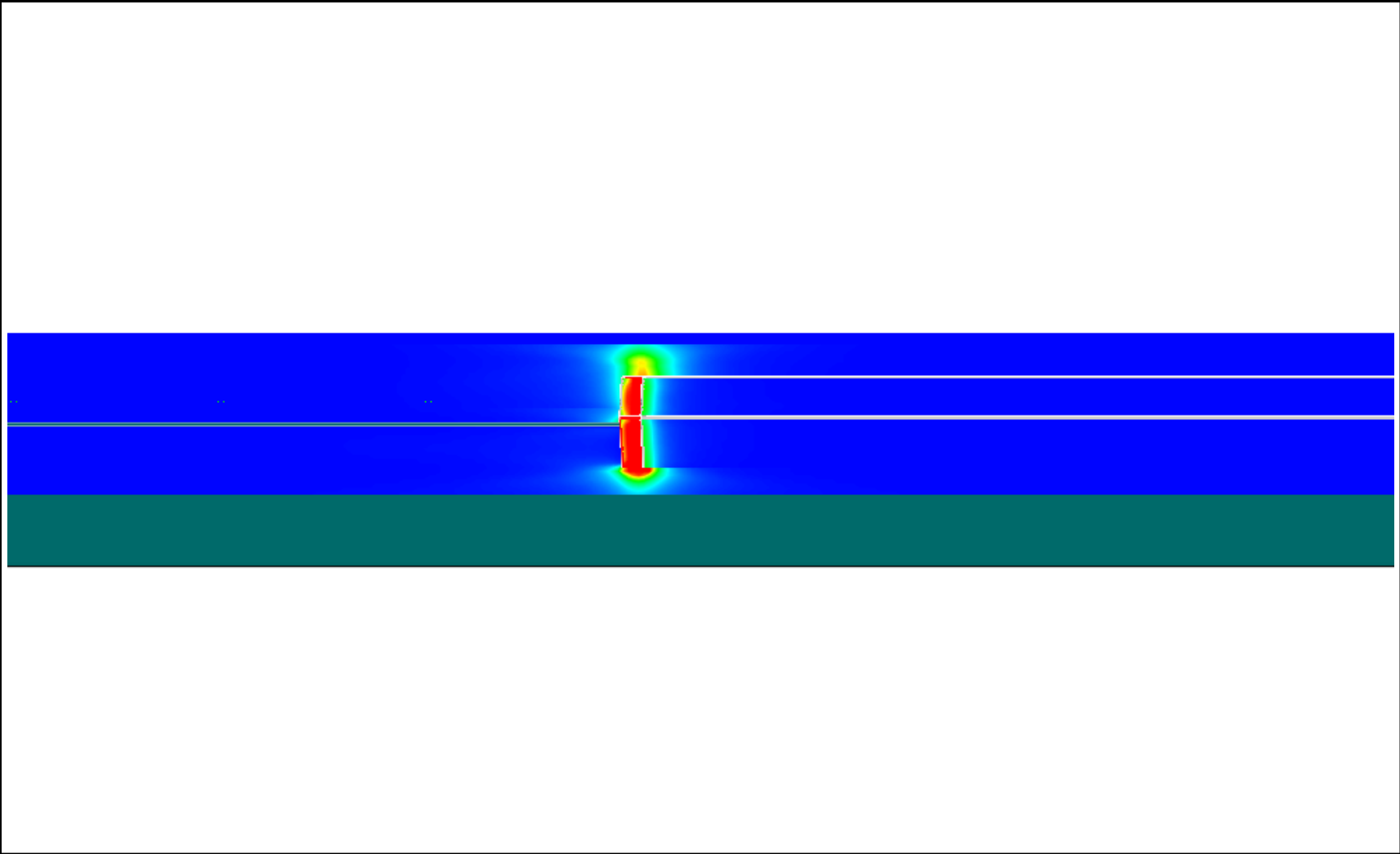


Rayonnement
(KW/m²)

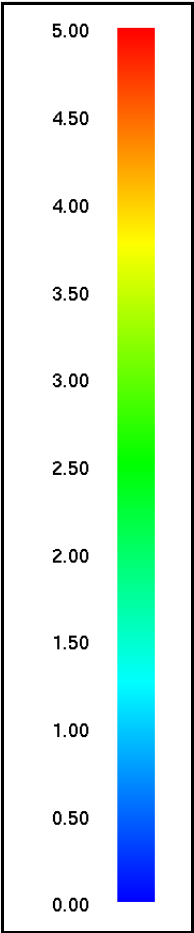


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 600 s

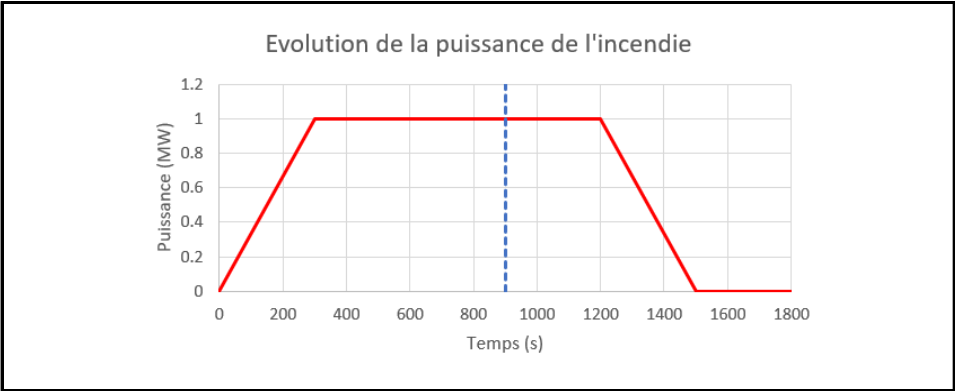
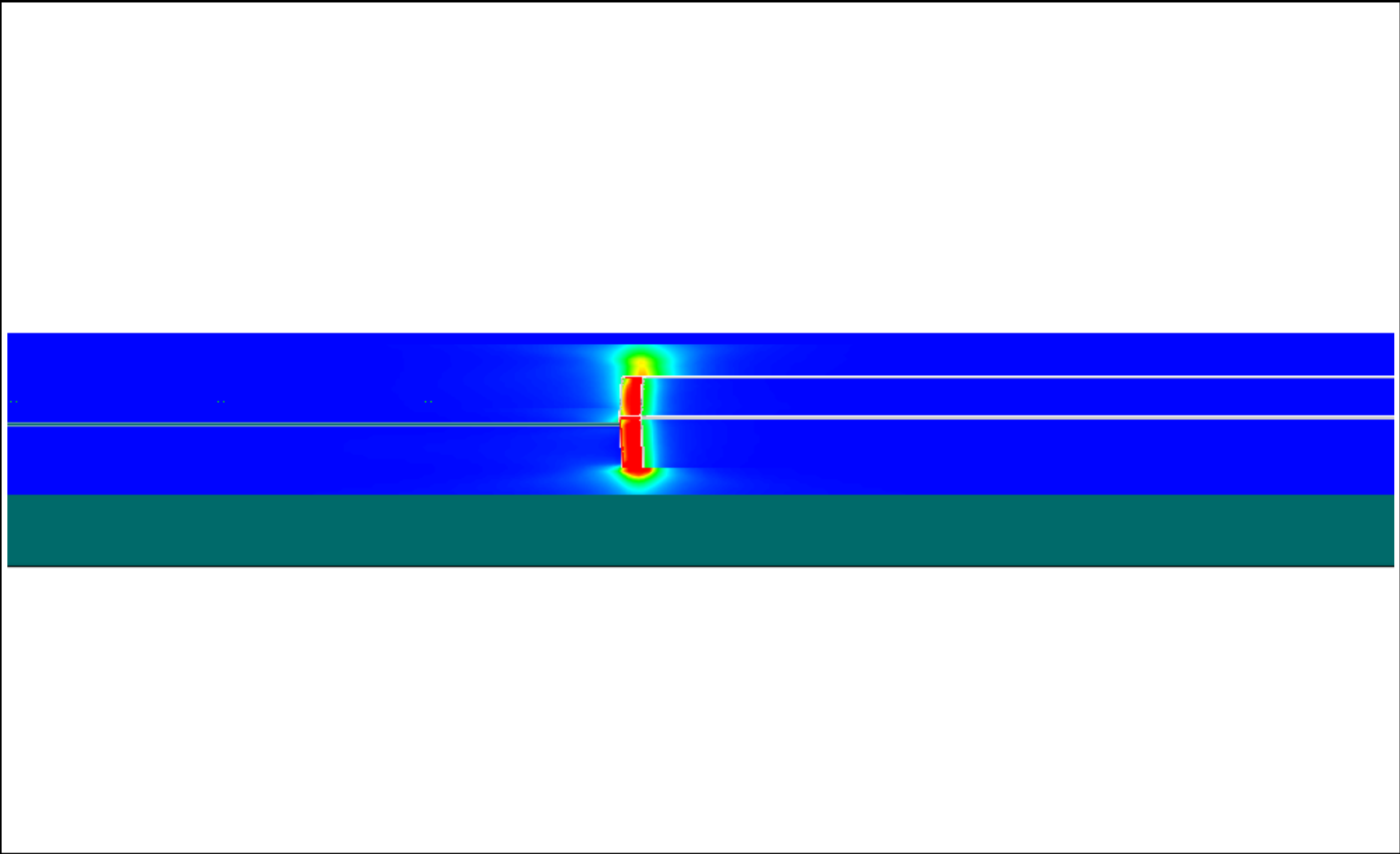


Rayonnement
(KW/m²)

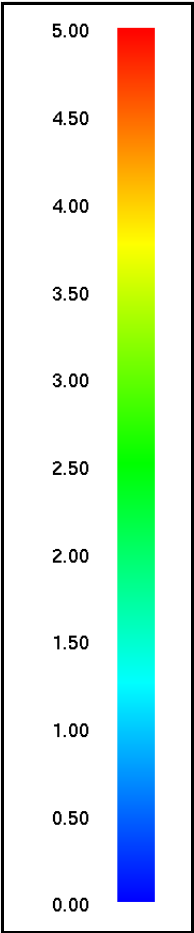


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 900 s

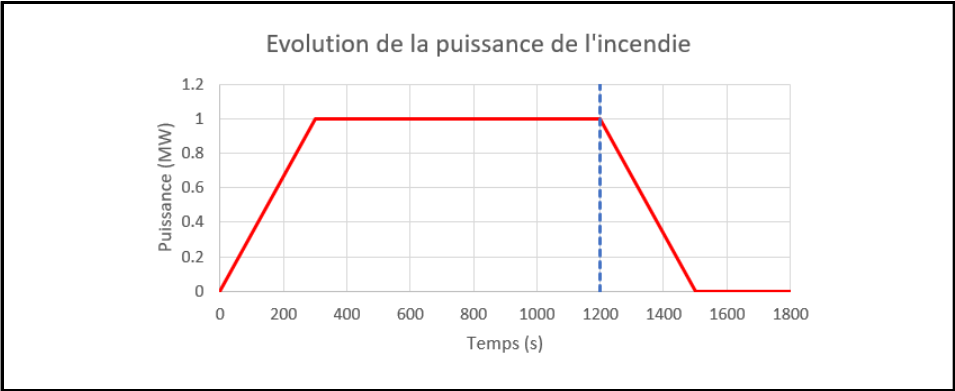
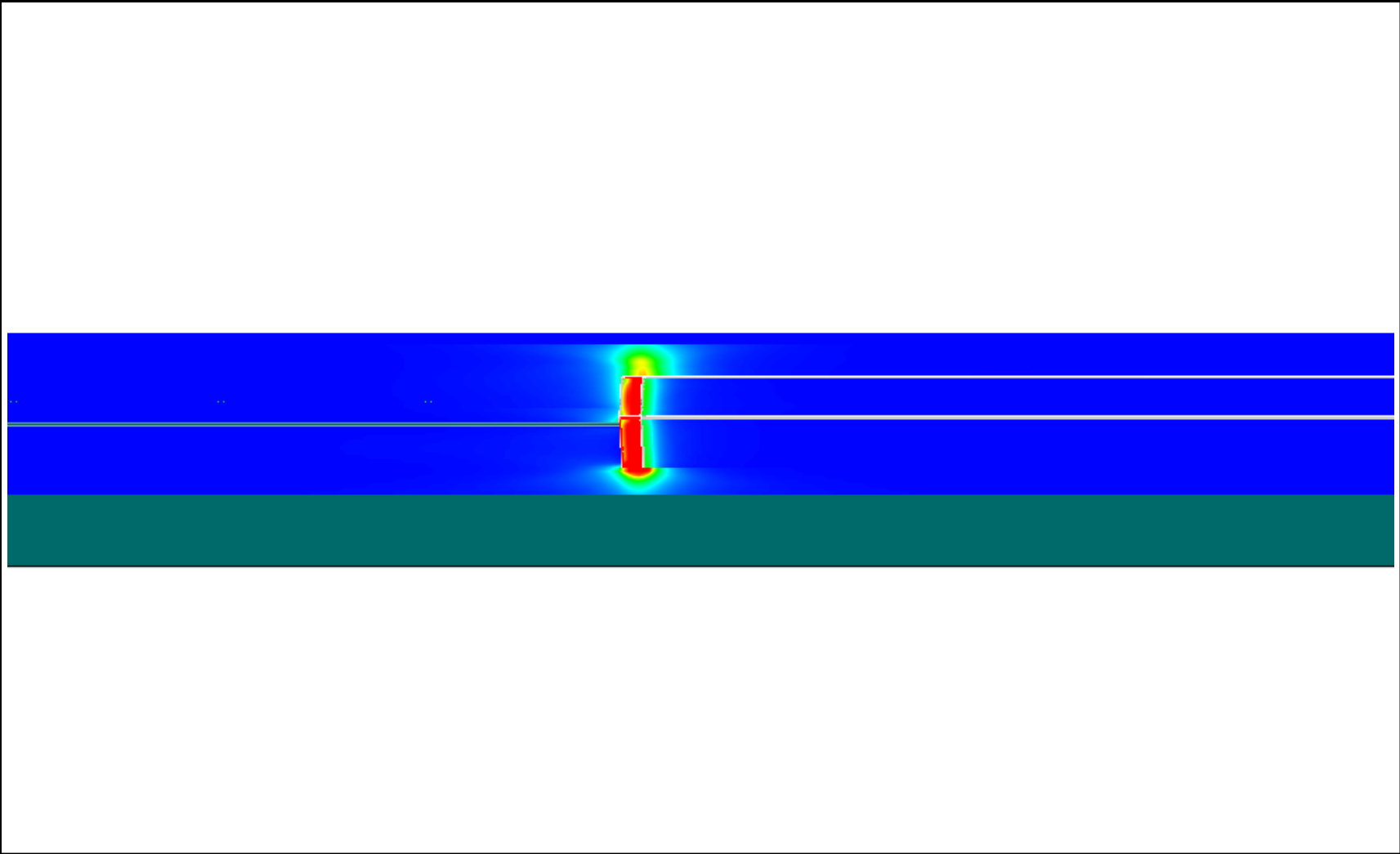


Rayonnement
(KW/m²)

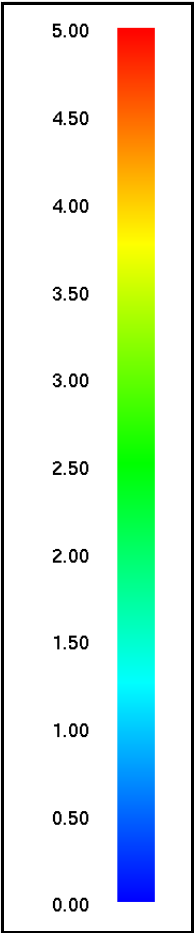


Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)

Scénario 1 : Incendie 1 MW - T = 1200 s



Rayonnement
(KW/m²)



Scénario 1 :
Incendie de 1 MW en tête de train (côté station CHL)