

Action

Optimisation

State

REWARD

Feasible?

n

$R = -300$
Episode over

y

Reached
2050?

n

Exceeded
 CO_2 -budget?

n

$R = 0$

y

$R = 200 \frac{CO_2 \text{ budget} - Cum.CO_2}{CO_2 \text{ budget}}$
Episode over

y

$R = 200 \min\left(\frac{CO_2 \text{ budget} - Cum.CO_2}{CO_2 \text{ budget}}; 0\right) + 100 \frac{Trans.cost_{ref} - Trans.cost}{Trans.cost_{ref}}$
Episode over

Action

Optimisation

State

Reward