

## Additional Captains' Fight 4

FPT 2018  
9-10th February



1 Question

2 Solution

You have 30 seconds to solve the following question:

Convert in mass the average energy per  
inhabitant used in France in 2015

1 Question

2 Solution

One more slide for the solution !

- Energy per inhabitant used in 2015:  $E \simeq 85 \text{ GJ}$ .  
( $\simeq 2$  tonnes of oil equivalent)

$$\Rightarrow M \simeq \frac{85 \cdot 10^9}{(3 \cdot 10^8)^2} \simeq 10^{-6} \text{ kg}$$