

# Perdu?

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Global Footprint Network®  
Advancing the Science of Sustainability



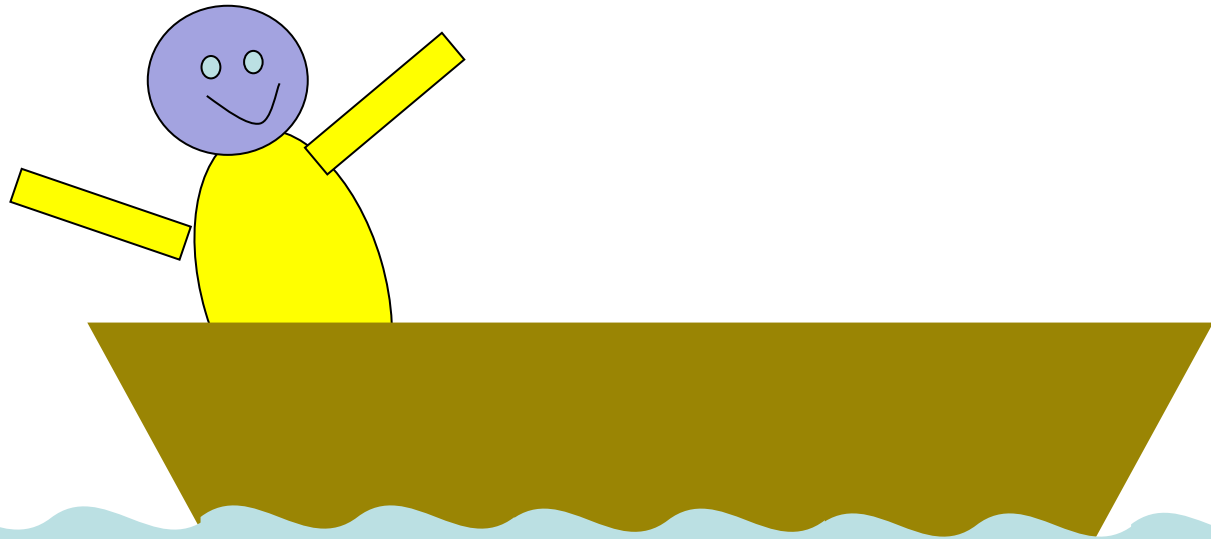
GE-EN-VIE

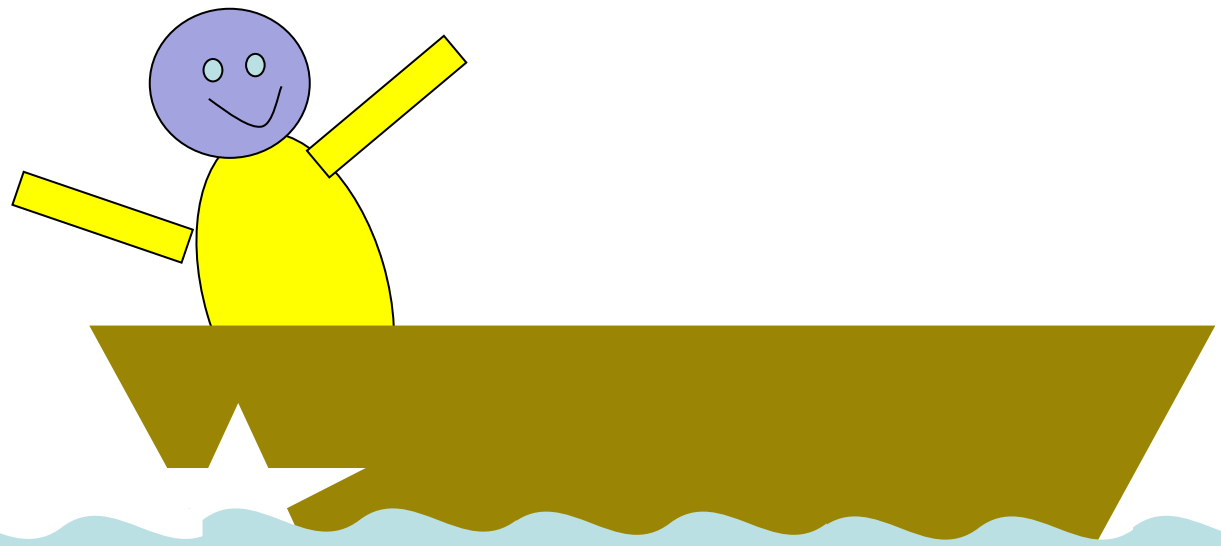
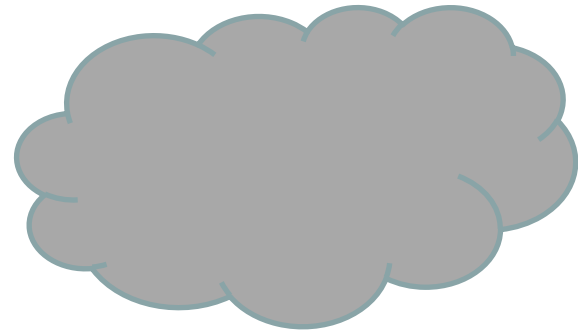
Nov 2021

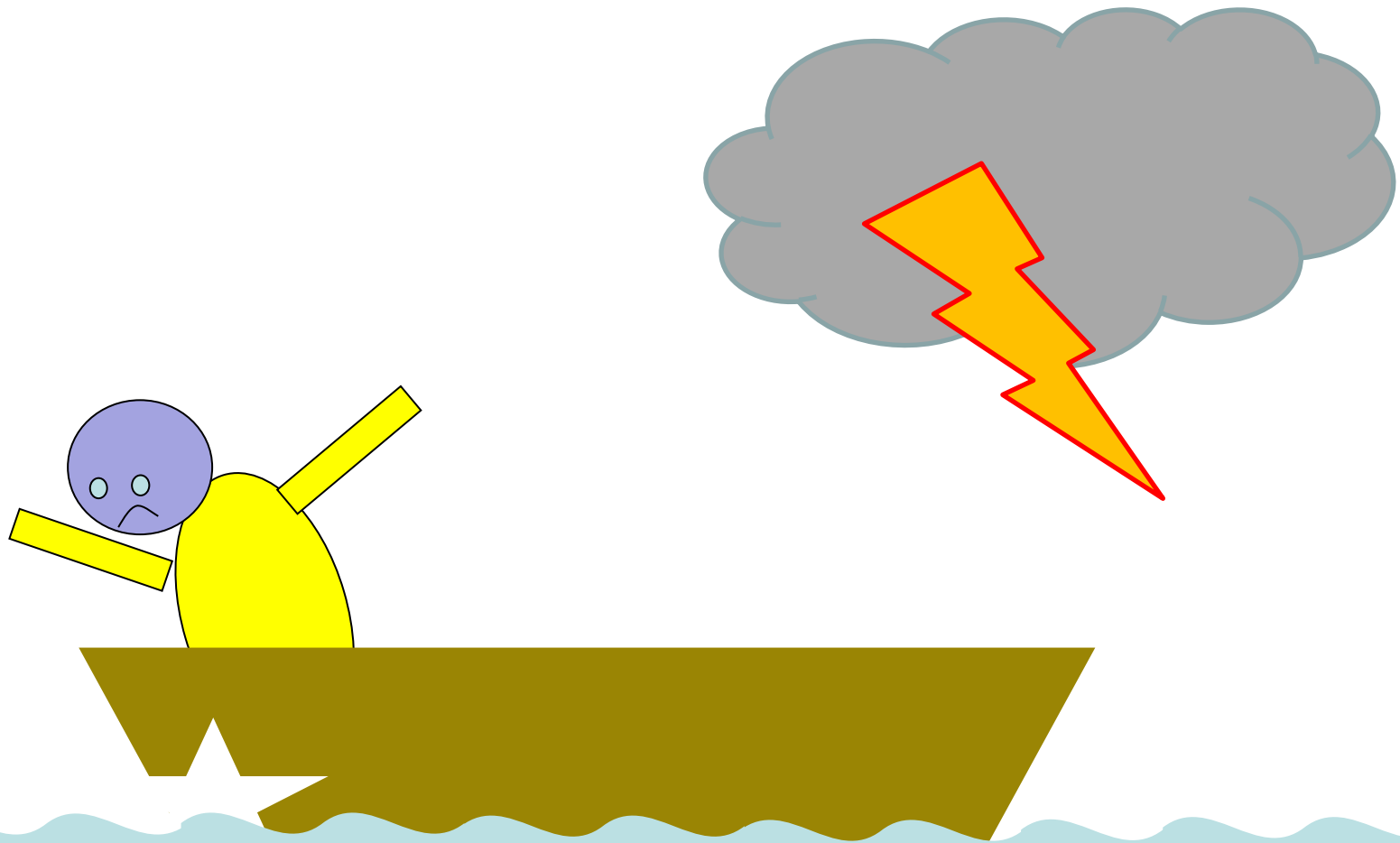


**UN CLIMATE  
CHANGE  
CONFERENCE  
UK 2021**

IN PARTNERSHIP WITH ITALY









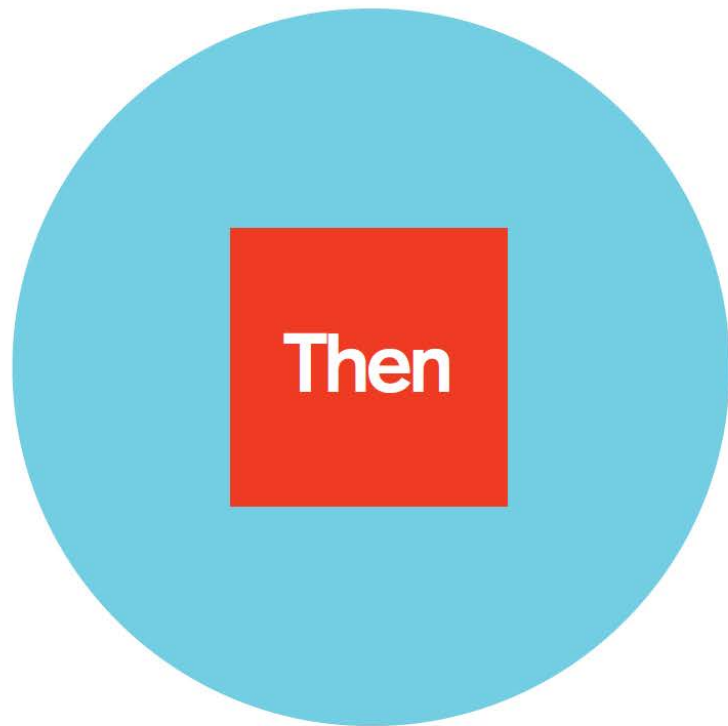
**L'avenir n'a jamais été aussi prévisible :**

Un **dépassement écologique** continu signifie plus de changement climatique et moins de ressources écologiques (et fossiles).

Pouvez-vous vous permettre de ne pas être prêt pour notre avenir prévisible ?



# Les règles du jeu ont changé.



An empty world allows for unlimited production of goods.

■ Economy  
● Biosphere



A full world turns the economy into a global auction.



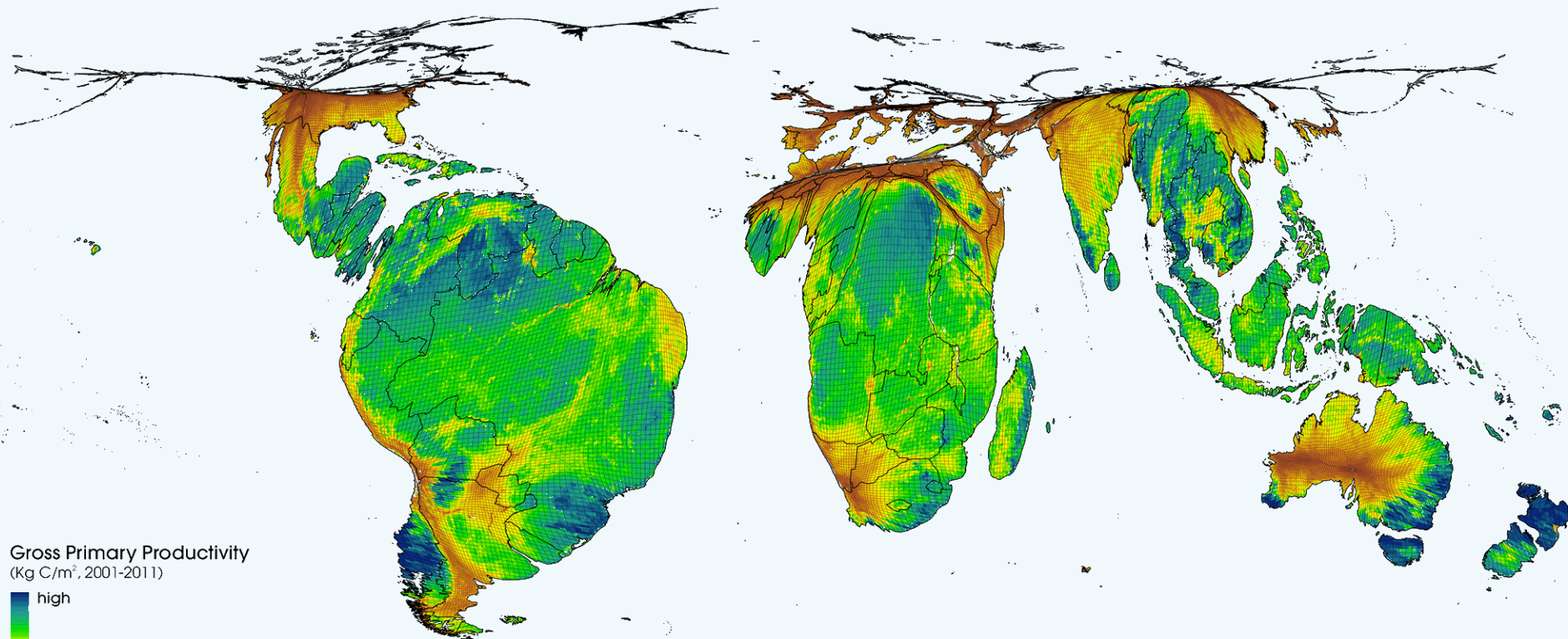
# Régénération





# Biocapacité de notre planète (mois par mois)

January



Gross Primary Productivity  
(Kg C/m<sup>2</sup>, 2001-2011)

high  
low

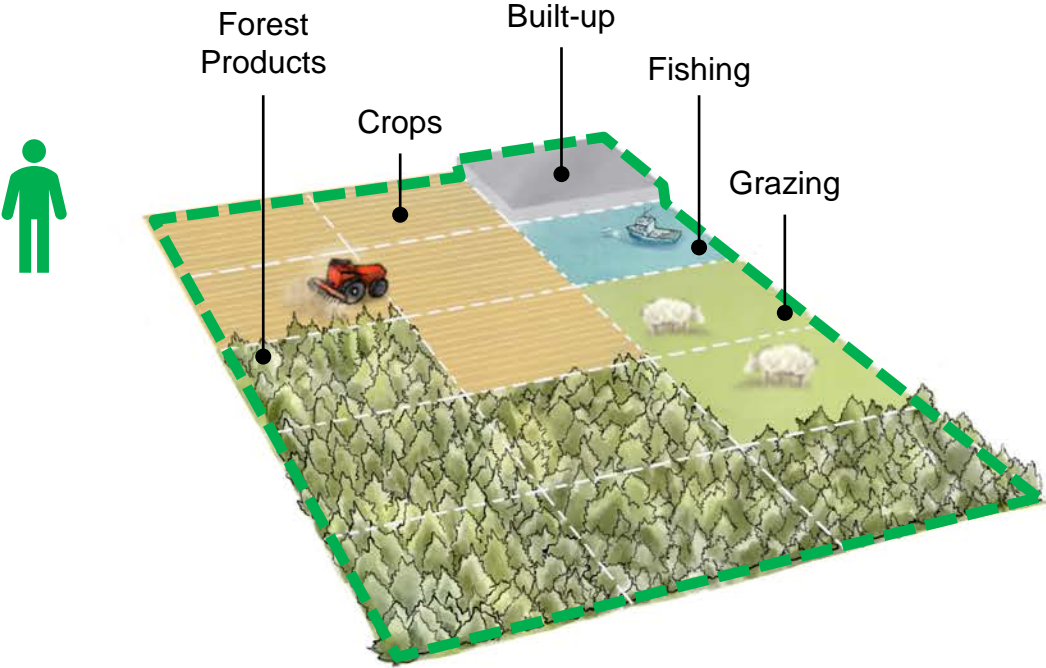
Data source: MODIS GPP/NPP Project (MOD17)

# L'essence : Régénération

1. « Capital » biologiques
2. Combustible fossile - limité par les actifs biologiques
3. Minéraux - leur extraction et leur concentration sont limitées par l'énergie, elle-même limitée par le « capital » biologiques.



# Our biocapacity per person in the world (2021)



**12.3**

(billion ha)



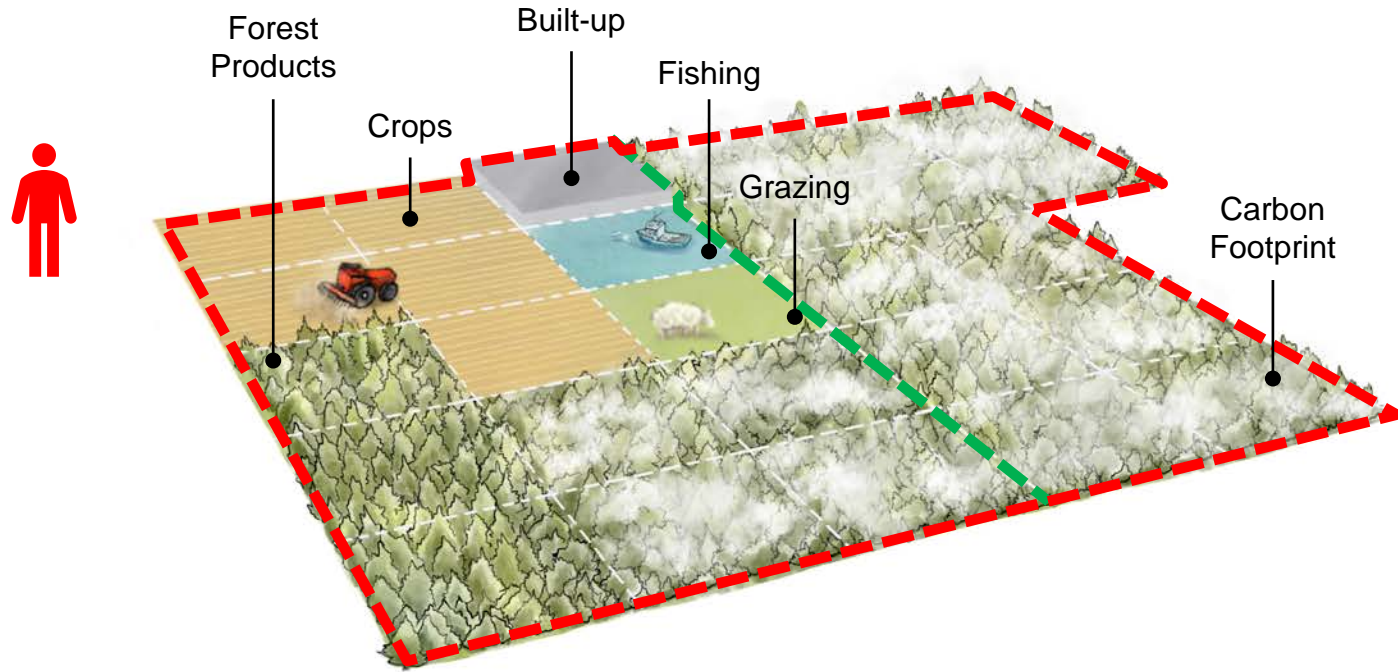
**7.9**

(billion people)

**= 1.6**

(global ha/ person)

# Our global Ecological Footprint per person (2021)



**21.7** (billion global ha) **➔** **7.9** (billion people) **=** **2.75** (global ha/ person)

En 2021

$$\frac{\text{demande}}{\text{régénération}} = 1.73$$



# 72%



ECOLOGICAL DEFICIT/RESERVE



TOTAL ECOLOGICAL FOOTPRINT



ECOLOGICAL FOOTPRINT PER PERSON



TOTAL BIOCAPACITY



BIOCAPACITY PER PERSON

## ECOLOGICAL DEFICIT/RESERVE

An ecological deficit occurs when the [Ecological Footprint](#) of a population exceeds the [biocapacity](#) of the area available to that population. A national ecological deficit means that the nation is importing biocapacity through trade, liquidating national ecological assets or emitting carbon dioxide waste into the atmosphere. An ecological reserve exists when the biocapacity of a region exceeds its population's Ecological Footprint.

## BIOCAPACITY CREDITORS

*BIOCAPACITY GREATER THAN FOOTPRINT*



>150%



100% - 150%



50% - 100%



50% - 0%



>150%



100% - 150%



50% - 100%



50% - 0%

## BIOCAPACITY DEBTORS

*FOOTPRINT GREATER THAN BIOCAPACITY*

# Demande de Régénération

- Current use:  
1.73 Earths

- Prof. E.O Wilson's goal:  
"Half-Earth" to keep  
85% of biodiversity:



**Humanity is using 1.73 Earths.**

Therefore in 2021,  
Earth Overshoot  
Day

fell

on

on

**July 29.**





dilemme psychologique:

rareté ou l'abondance

peur ou générosité

# One-Planet Prosperity



**#MoveTheDate**

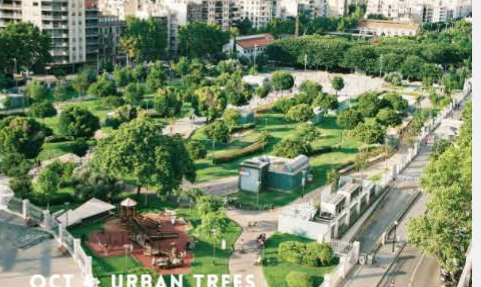
Quelles sont les solutions que  
vous  aimez  ?

[www.100DaysOfPossibility.org](http://www.100DaysOfPossibility.org)



## LET'S #MOVETHEDATE!

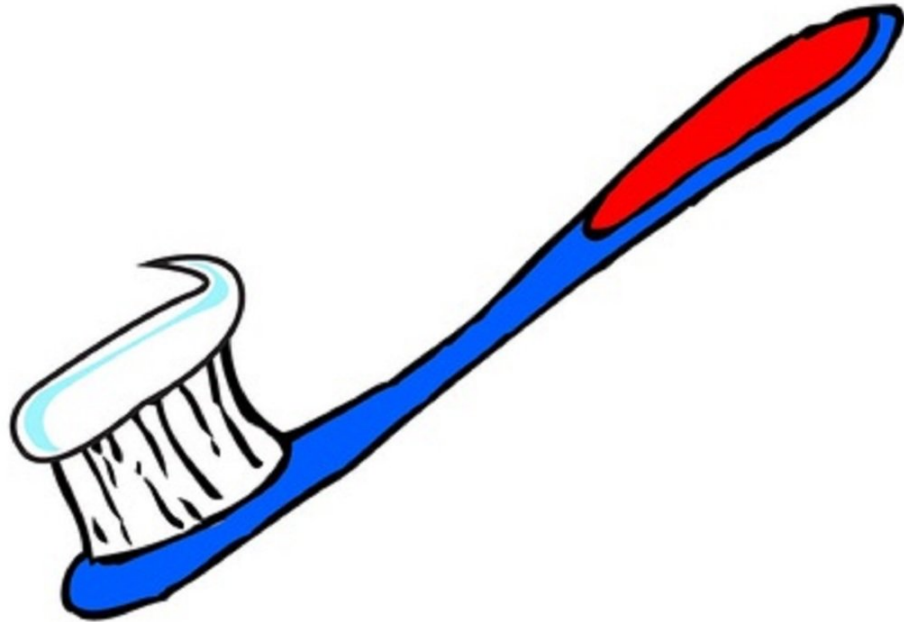
All Cities Energy Food Other Planet Population

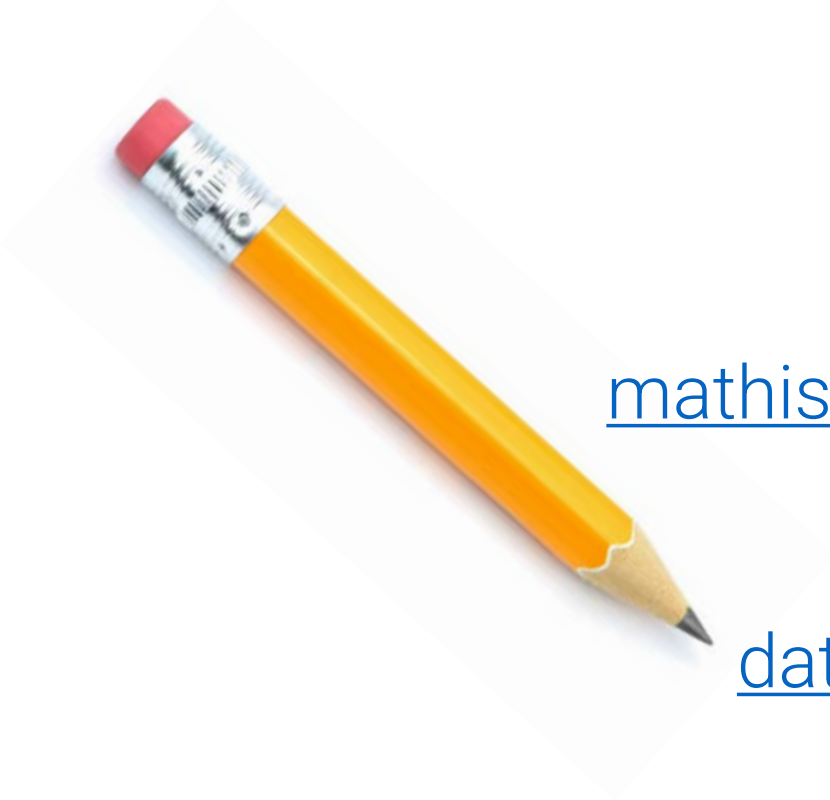


Sécurité en ressources

1985

- La transformation du développement durable, c'est comme se brosser les dents...





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