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CREATIVE DOCUMENTARIES
ON SUBSCRIPTION

OVERVIEW ON THE ENVIRONMENTAL IMPACT OF DIGITAL TECHNOLOGIES

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CREATIVE DOCUMENTARIES
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tënk ≡   Parcours découverte   Offrir un abonnement   🔍   ⊙ Mohamed S.   FR ⌄

Sélection du moment ⧗ ⚫◯   Toute la collection ⧗ ◈
Près de 60 documentaires constamment renouvelés   Les films du moment et plus de 1000 films accessibles en location
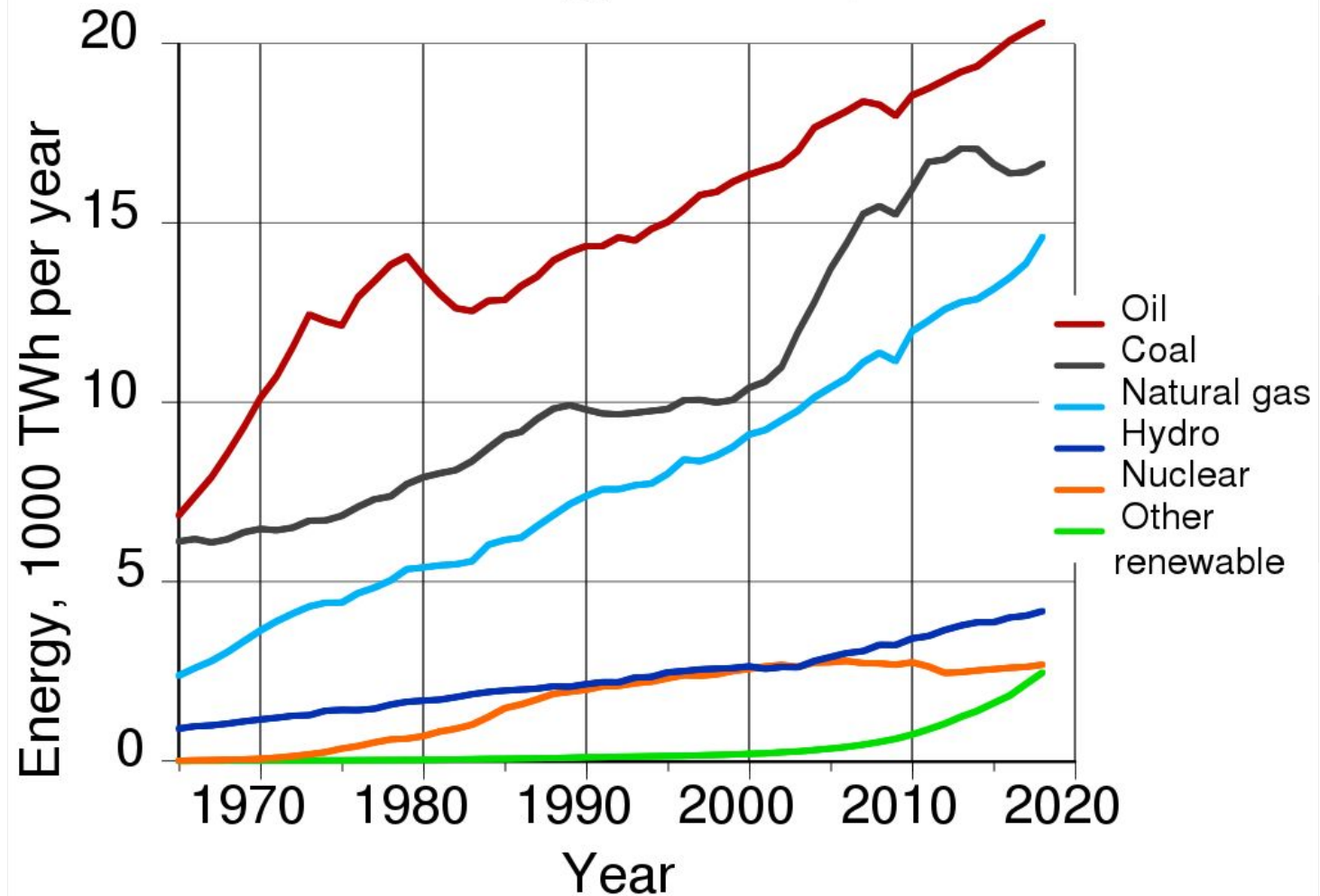
Les films de la Mostra de Venise

Pour sa 78e édition, la Mostra de Venise s'invite sur Tënk ! Retraversez la richesse de la programmation du festival en quatre films réalisés entre 2010 et 2020.

▷ Regarder

World energy consumption

➔ Factor 4 objective : reducing the GHG emissions by 4 in 2050
➔ **Digital technology responsible for 4% of the GHG emissions** (in 2020) / *same as civil aviation*
  - ◆ And 7% in 2025 (estimated) / *same as today's cars emissions*
  - ◆ Increasing by 10% each year
➔ Hardware and Software are both responsibles
➔ **70-80 % of the energy consumption of Internet is due to Video consumption (1% of GHG emissions)**
➔ 1h of Video watch consume 1 to 5 kWh of primary energy (without considering your own computer/mobile) consumption
➔ X38 of data consumption in 10 years !
➔ **4G data consumes 23X more energy than Wifi**
➔ 5G consumes even more

Let's finish with the illusion of impactless Internet !

3 principles :

Energy efficiency

Energy sobriety

Renewable energy

What SVOD and VOD platforms can do :
- The servers, data centers and clouding impact
- To eco-design our platforms (exemple : reduce the weight of the platform pages)
- Customer journey and user experience including raising-awareness as essential
  - Inform and use nudges (about software and hardware impacts)
  - Stop using automatic very high resolutions (*at least ask the user*)
- Re-think the model : stop binge watching incentives, ask yourself about the usefulness of the contents both VOD platform contents and social media ones !

And ... accept to generate less money ?

What SVOD and VOD consumers can do :
- Change the default resolution and keep think about your resolution need all the time
- Try to see films and videos in a collective way (friends and family)
- Try to not use 4G or 5G for your films and video consumption
- Try to keep the same material (computers, phones) as longer as possible and think about repairing
- Stop all the automatic video lectures !
- When you buy new material, you can choose depending on the sustainability index and the repairability one

And as a citizen :
- Ask the politicians for a regulation !

What politicians can do :
- More regulation about recycling
- More regulation about eco-conception of websites in general
- To consider the video consumption impact as a huge issue to solve
- Go further with the sustainability and repairability indexes (which is a good resolution)
  - Fighting against planned obsolescence
- A regulation for obligating phone operators to suggest a data consumption indexed offer ! (which brings more awareness about 4G and 5G consumption)
- Regulation about a deep educational program on digital technologies impact

In the developed countries, the individual well-being is not correlated anymore to the level of consumption nor the GDP !

In fact, some philosophers defends the fact that the more we feel good (in our lifes) the less we need to consume "objects".

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The SVOD platform focused on creative documentaries

FESTIVAL dei POPOLI

GIORNATE DEGLI AUTORI

Presentation of Tënk in Italy

Photo © «Cielo senza terra», 2010
Sara Pozzoli, Giovanni Maderna
Quarto Film

Tuesday, September 7th, 6:30pm
Isola Edipo - Spazio GdA in Venice

Riva di Corinto, Via Falier Vitale, 1, 30126 Lido VE,