

The background image is a painting by the English Romantic painter J.M.W. Turner, titled "Rain, Steam, and Great Central Railway" (1844). It depicts a man and a woman in the foreground, looking towards a steam locomotive crossing a bridge in the distance. The scene is set in a hazy, rainy atmosphere. The man is on the left, wearing a dark coat and a white scarf, with his right hand raised. The woman is on the right, wearing a dark dress and a white shawl. The overall mood is somber and atmospheric.

# Technoréalisme

Éthique de la norme

et de la technique



**Comment gérer la surabondance ?**

**Arnaud Billion**

**Prolifération des  
images et explosion  
de l'information**

# Gouvernance des systèmes



Vers une éthique des données responsables

Imane Idrissi

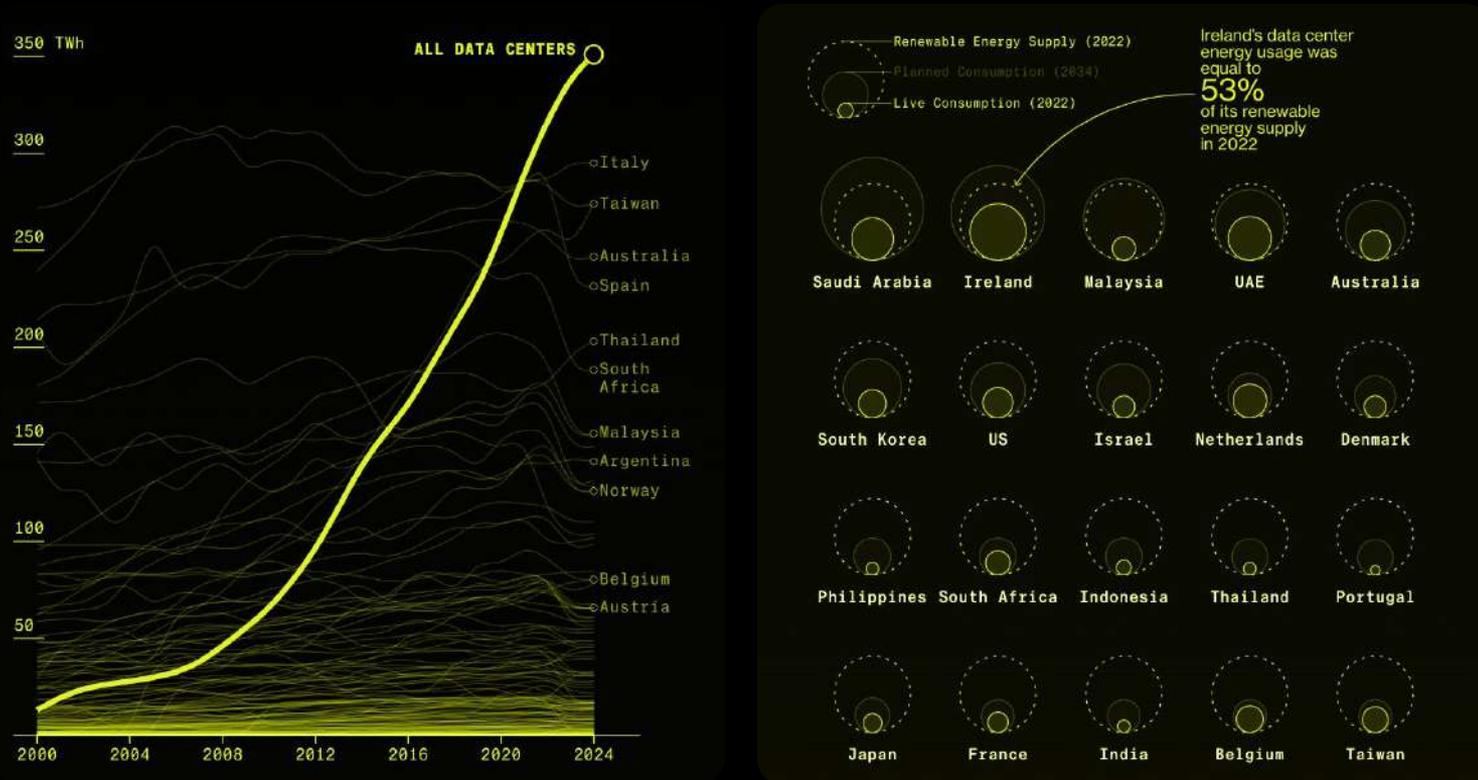


# Résilience et Souveraineté

Ambitions et risques des nations

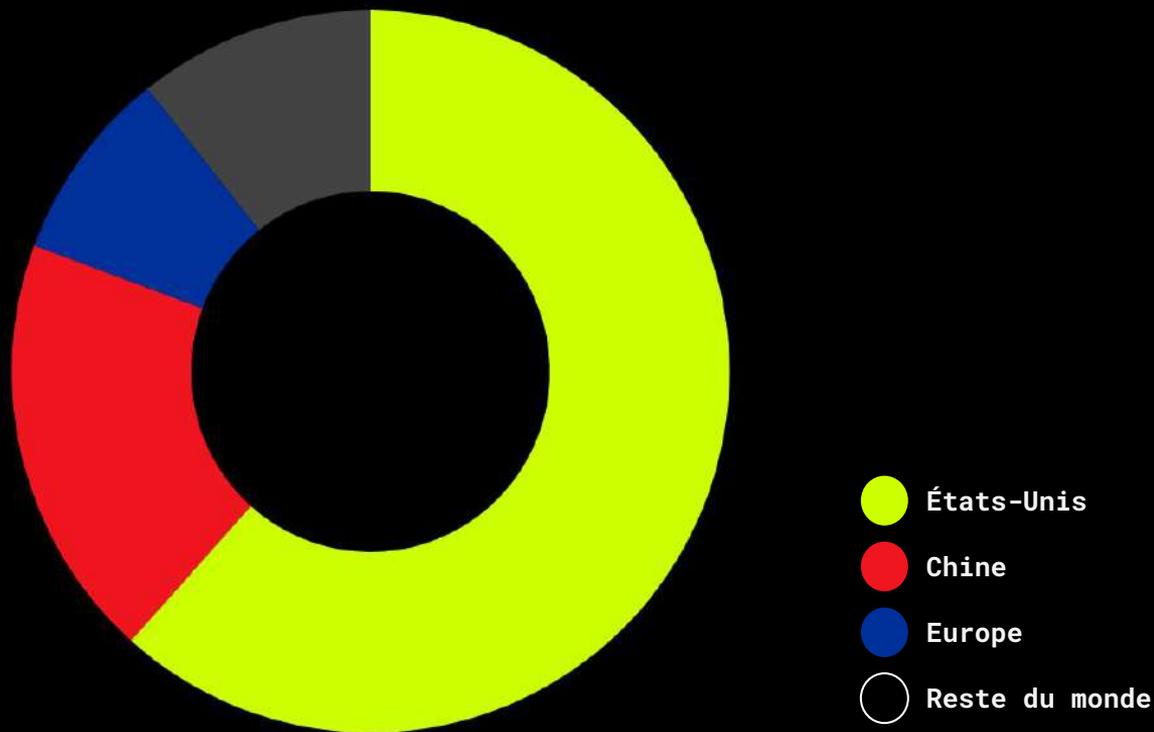
Henri Albert

# Des réseaux électriques et une transition énergétique déjà à l'épreuve



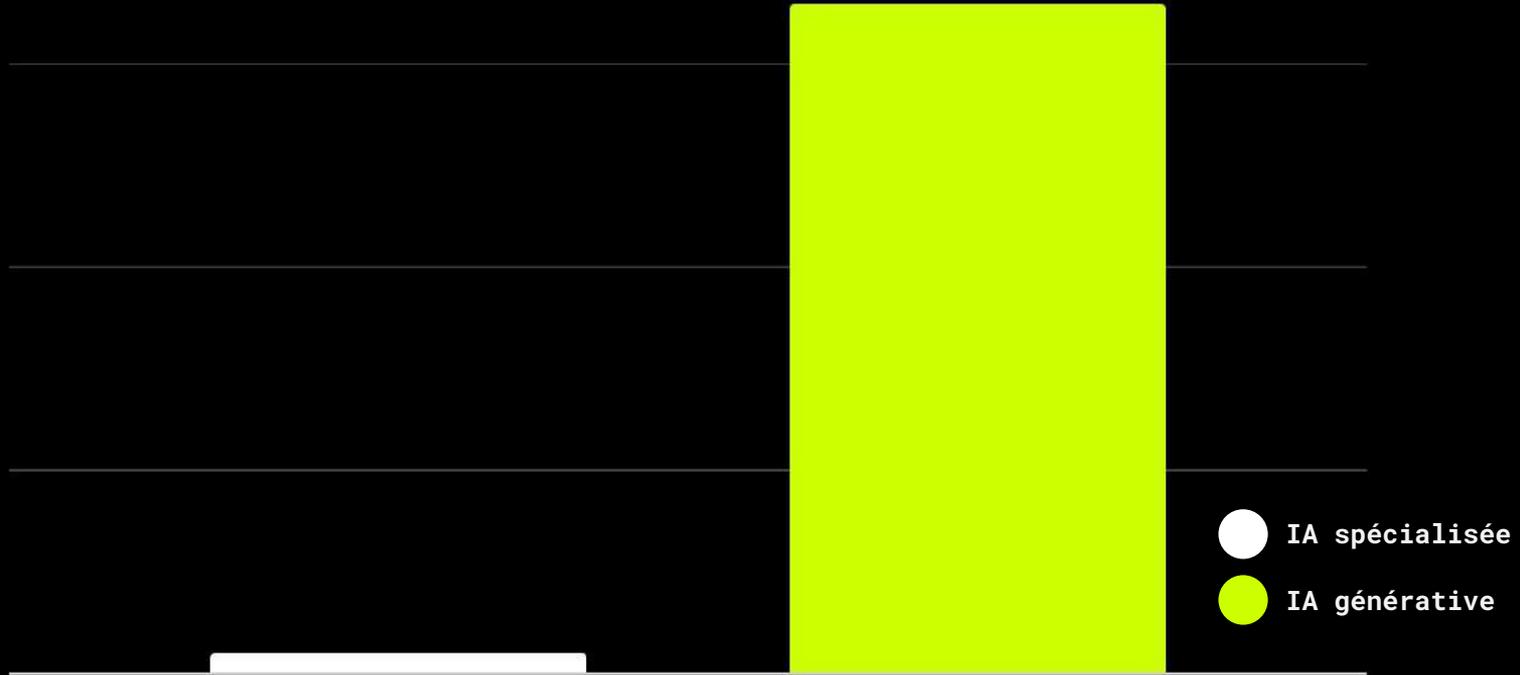
<https://www.bloomberg.com/graphics/2024-ai-data-centers-power-grids/>

Plus de 500 milliards de dollars investis en IA pendant 10 ans dans le monde



<https://aiindex.stanford.edu/report/>

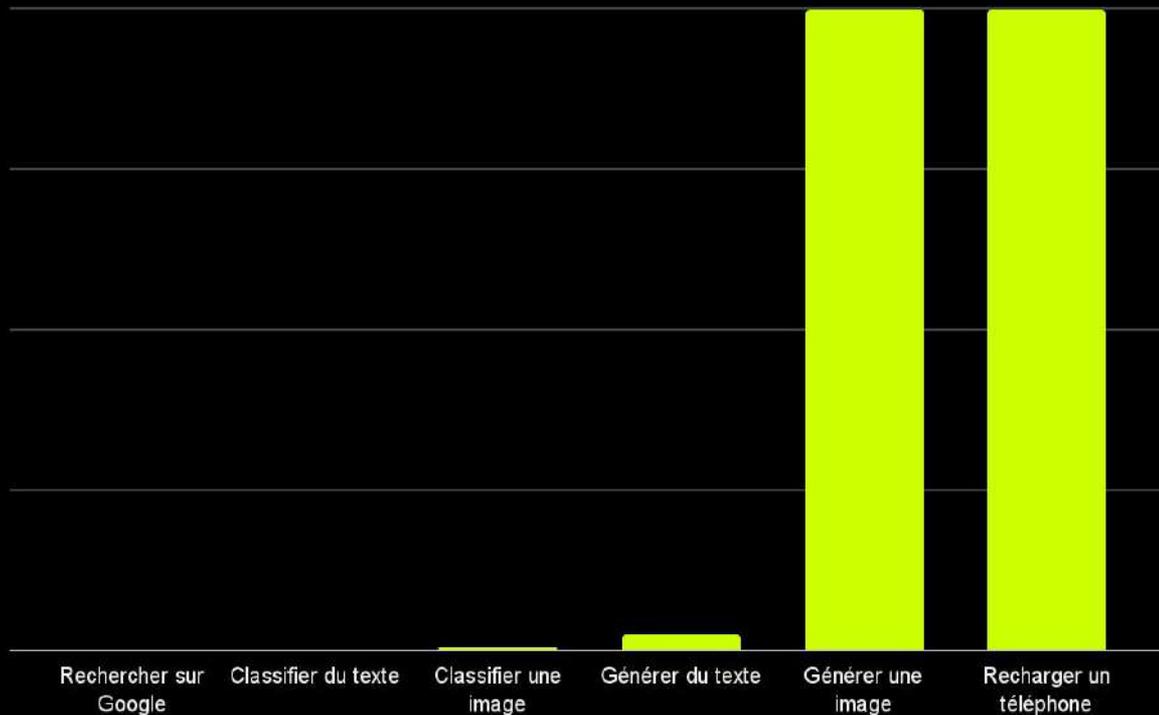
## Un logiciel 33 fois plus gourmand



<https://arxiv.org/abs/2311.16863>

Cornell University

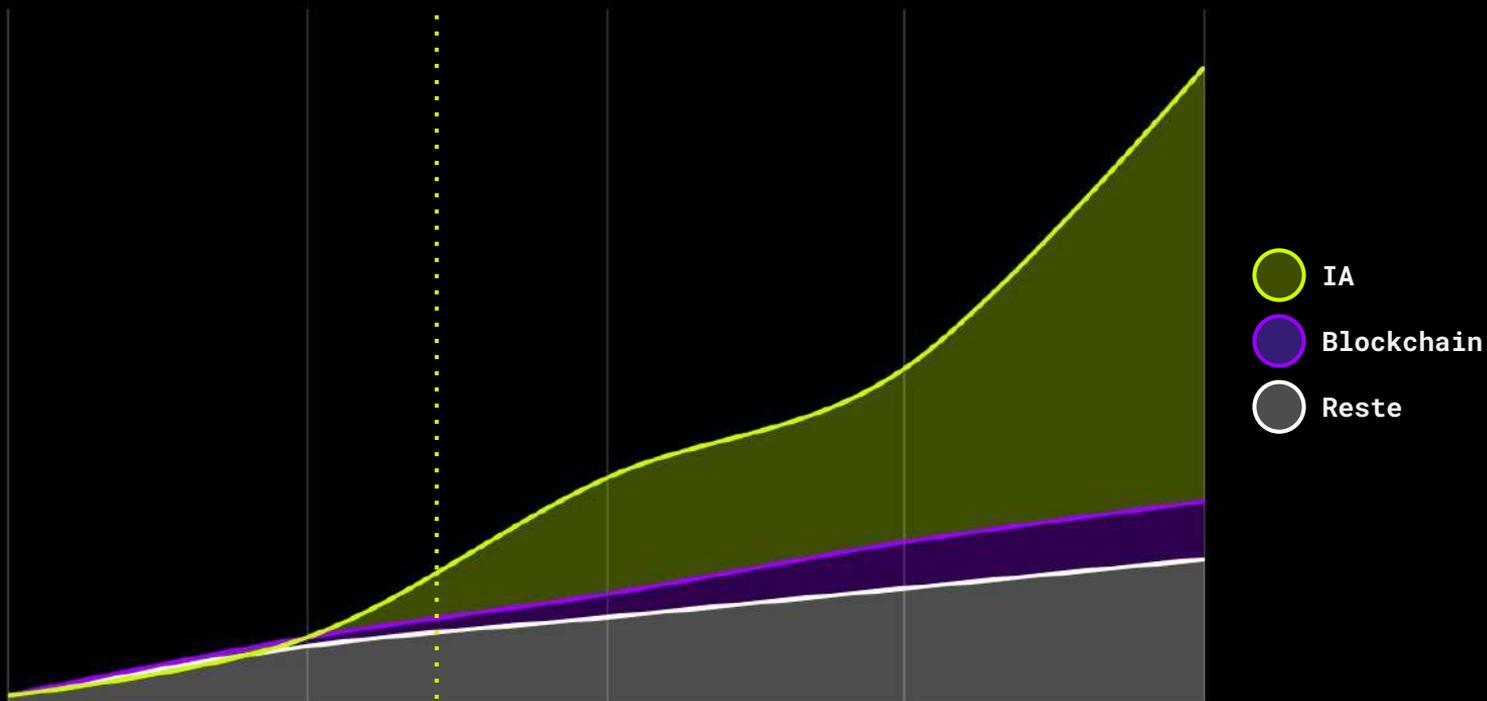
# Générer une image consomme autant d'énergie que recharger un téléphone



<https://www.technologyreview.com/2023/12/01/1084189/making-an-image-with-generative-ai-uses-as-much-energy-as-charging-your-phone/>



## Consommation énergétique des Data Centers jusqu'en 2050



<https://thundersaidenergy.com/downloads/internet-energy-consumption-data-models-forecasts/>

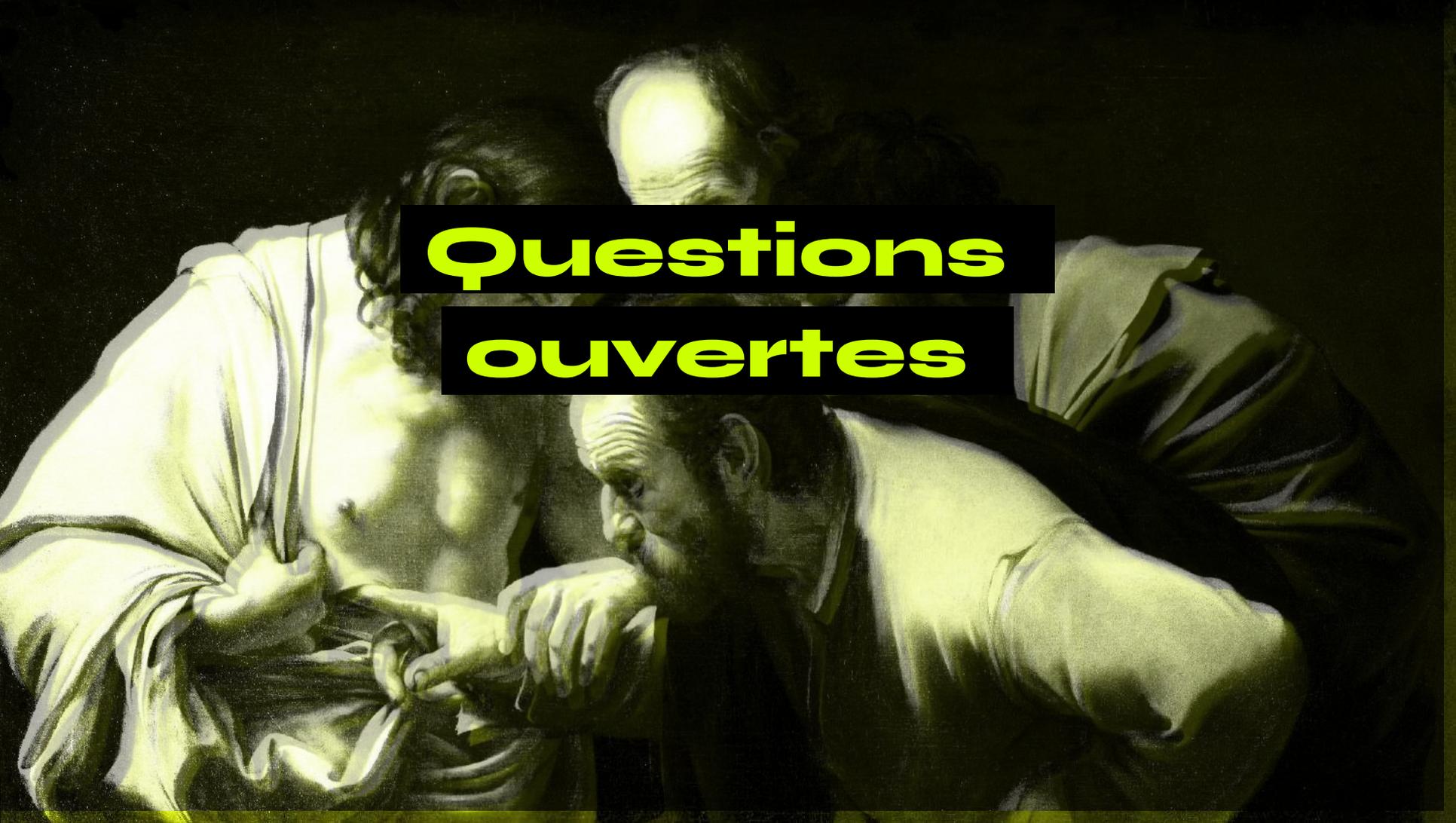


Thunder Said Energy



**Appel à une  
approche  
réaliste**

**Entre innovation, régulation et responsabilité**

A dramatic painting featuring three men in a dark, shadowy environment. The man on the left is shirtless, wearing a white cloth draped over his shoulders, and is looking towards the center. The man on the right is wearing a white tunic and is leaning forward, pointing his finger towards the center. A third man is visible in the background, looking down. The overall mood is intense and focused. Overlaid on the center of the image is the text "Questions ouvertes" in a bold, yellow font, split across two black rectangular boxes.

**Questions**  
**ouvertes**