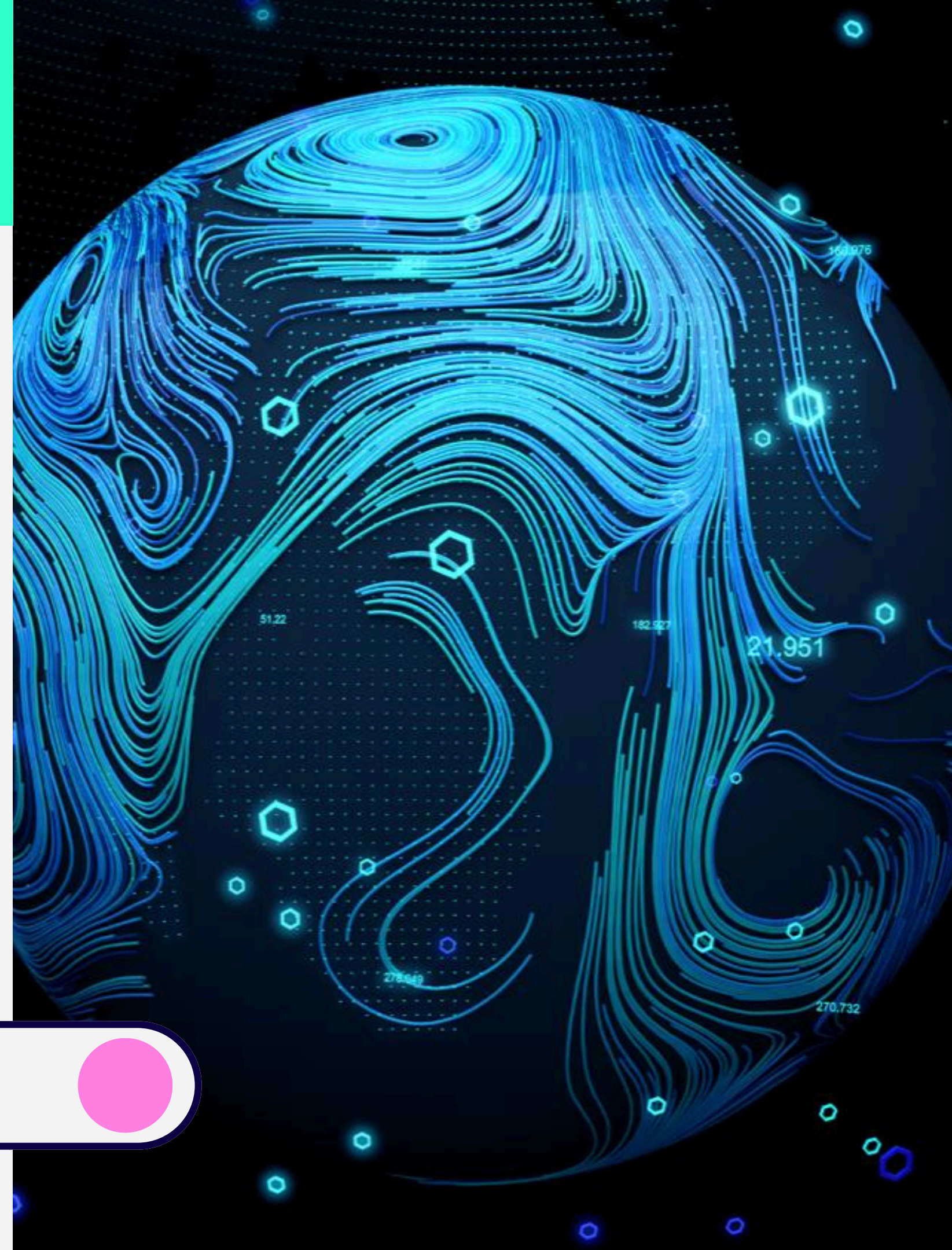
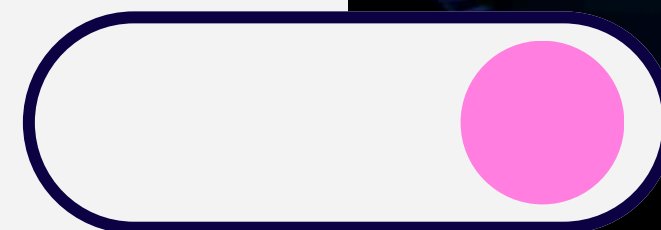
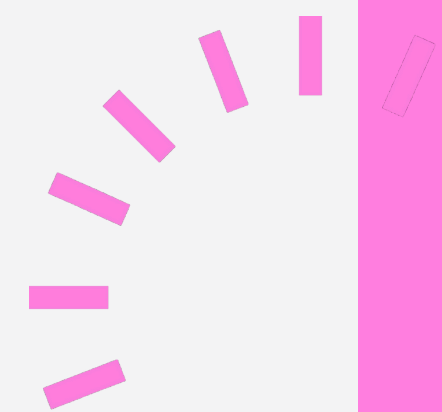
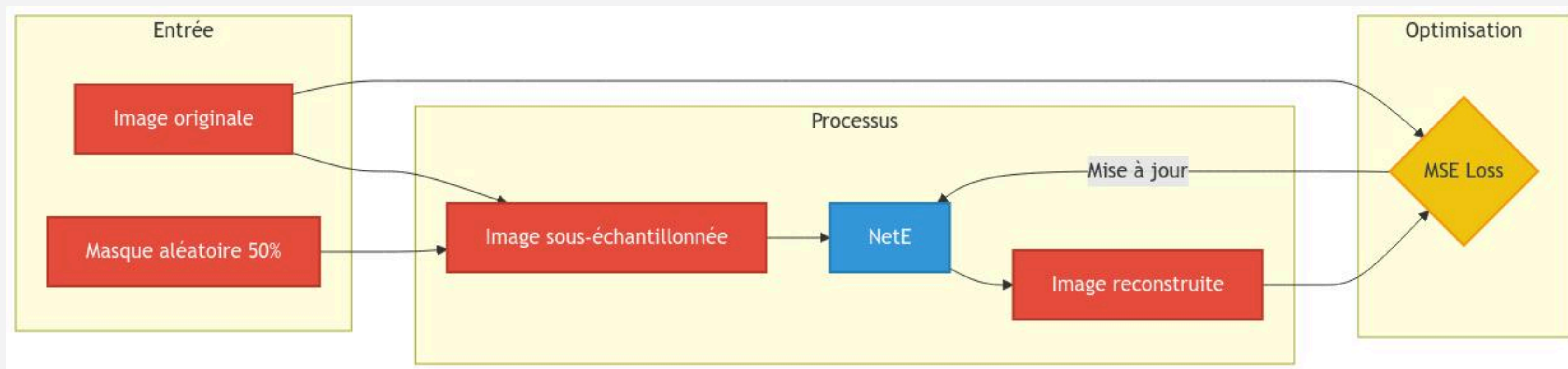


Caméra intelligente par échantillonnage compressé et apprentissage profond





Réconstruction

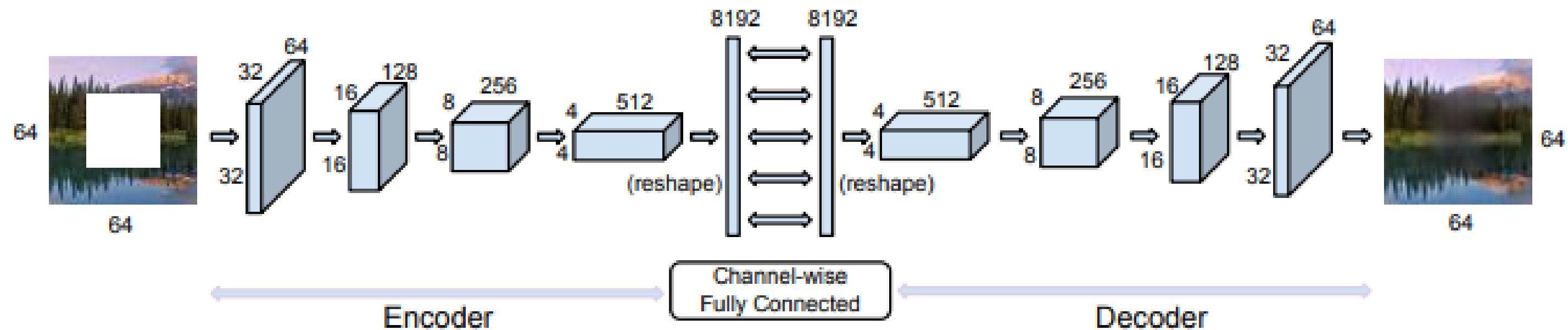
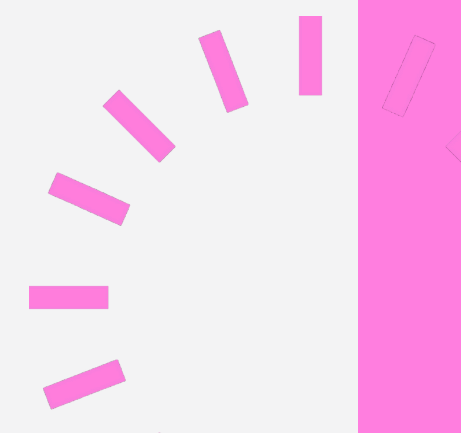
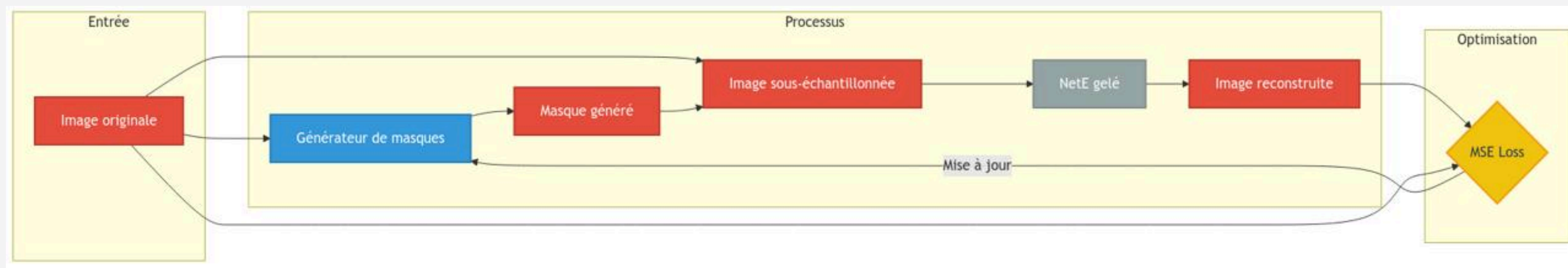


Figure 7. Network architecture for our image restoration framework. Our image restoration framework is an encoder-decoder pipeline with the encoder and decoder connected by a channel-wise fully-connected layer. The illustration is for image inpainting task. The same network architecture also holds for the other three tasks: pixel interpolation, image deblurring, and image denoising.

R. Gao and K. Grauman. From one-trick ponies to all-rounders : On-demand learning for image restoration. In arXiv preprint, 2016.

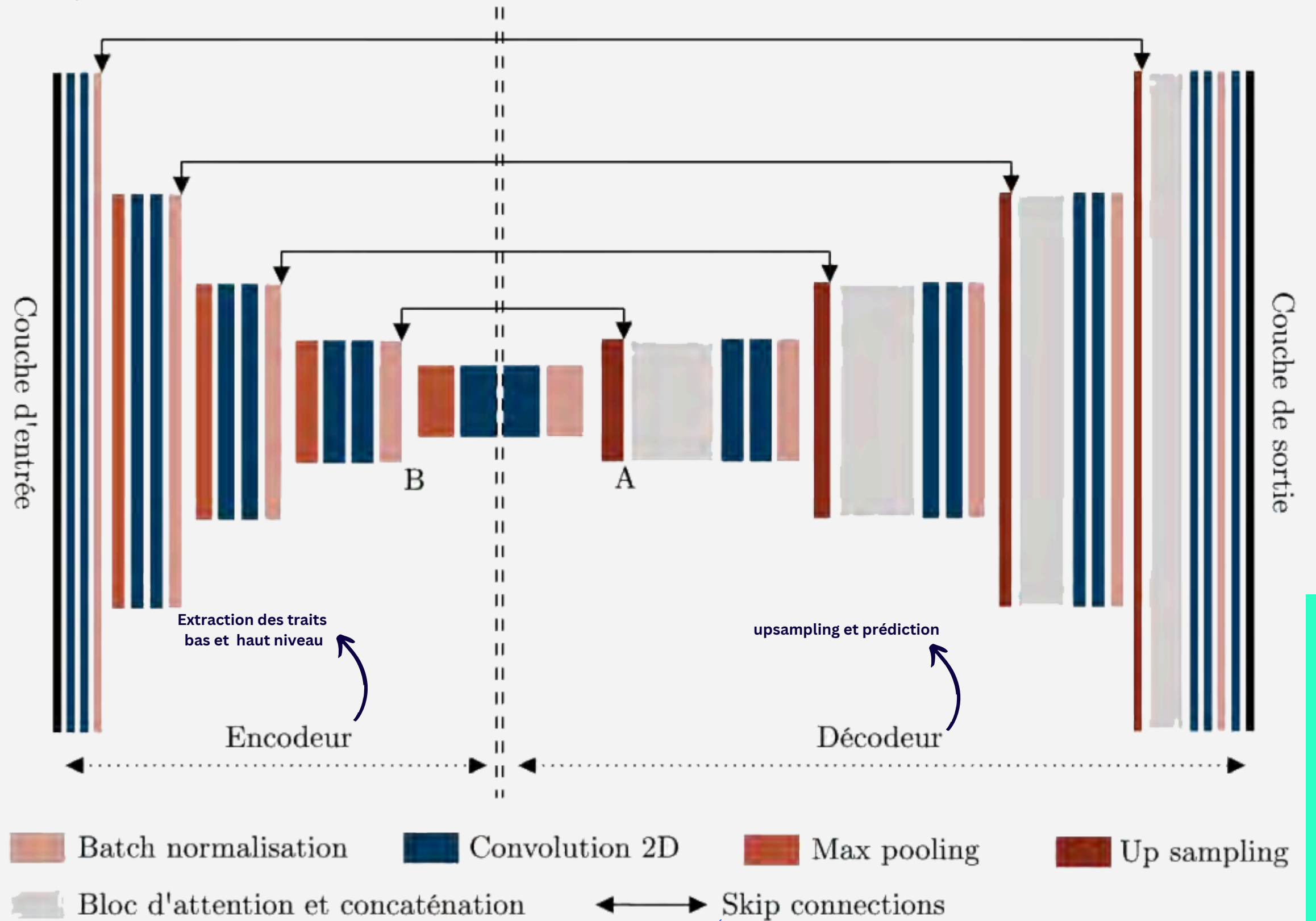
Encoder-Decoder



Génération des masques

Architecture
CNN
U-Net

Kariryaa, A. 2020. ankitkariryaa/An-unexpectedly-large-count-of-trees-in-the-westernSahara-and-Sahel : Paper version. Version 1.0.0. doi :10.5281/zenodo.3978185.



- Récupérer les détails de l'objet
- Améliorer la précision de la localisation