

# NICEST2

Nordic Infrastructure Collaboration on Earth System Tools

# First and foremost: NICEST2 is a Team

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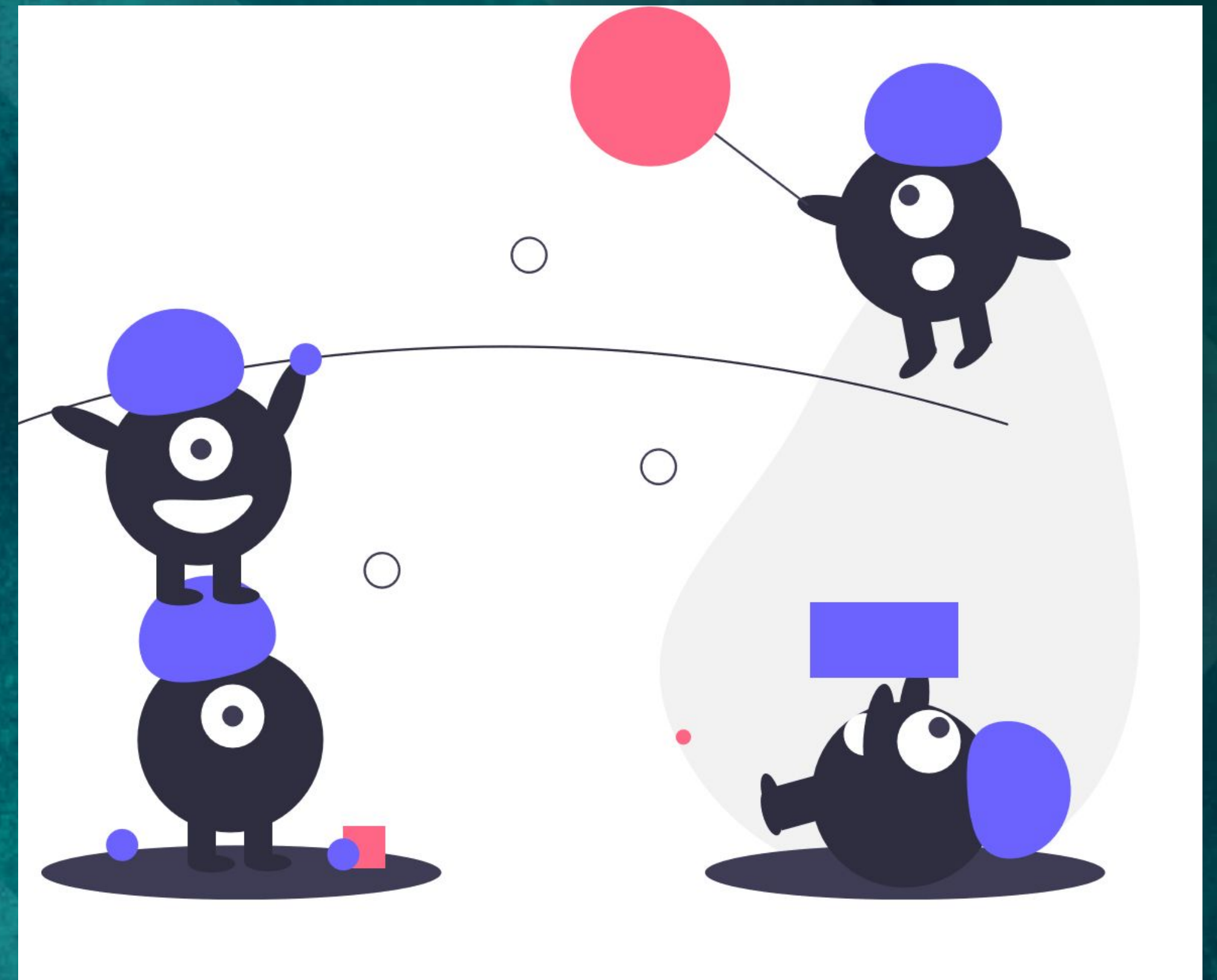
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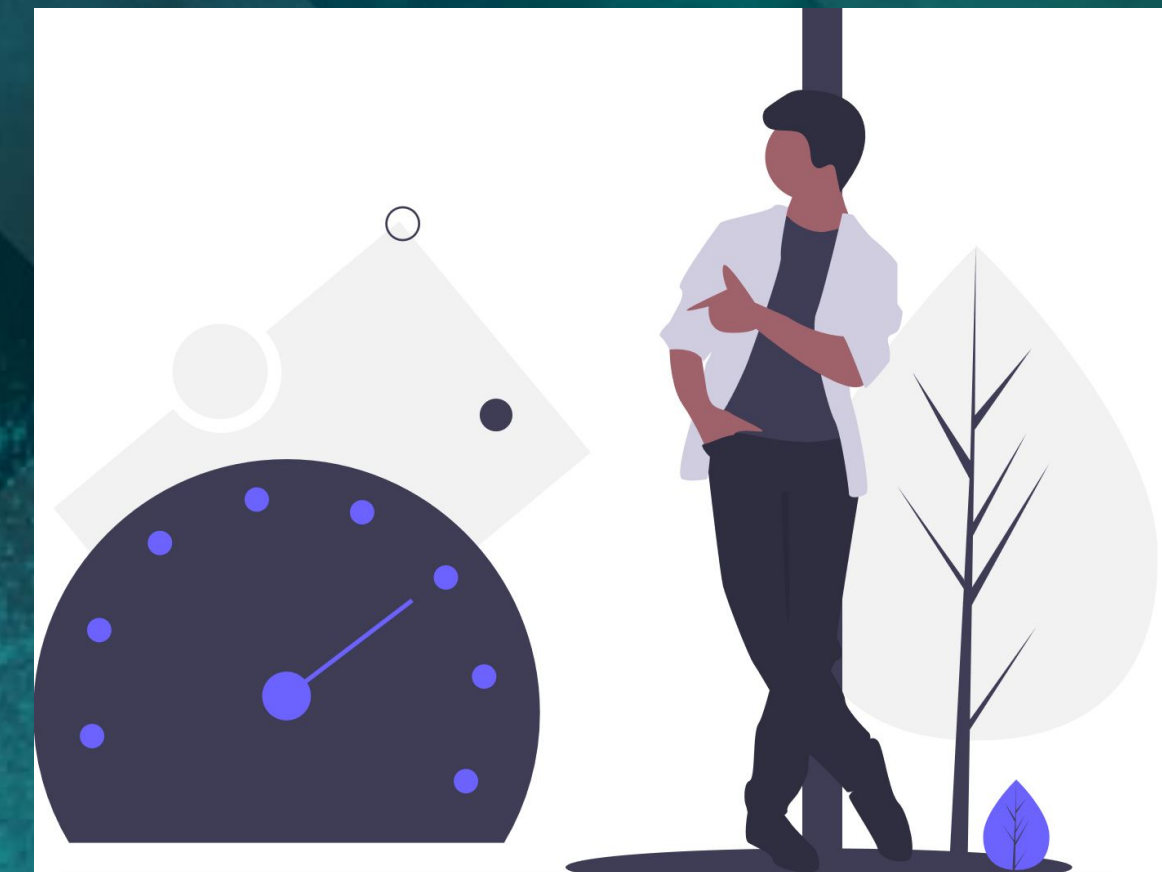
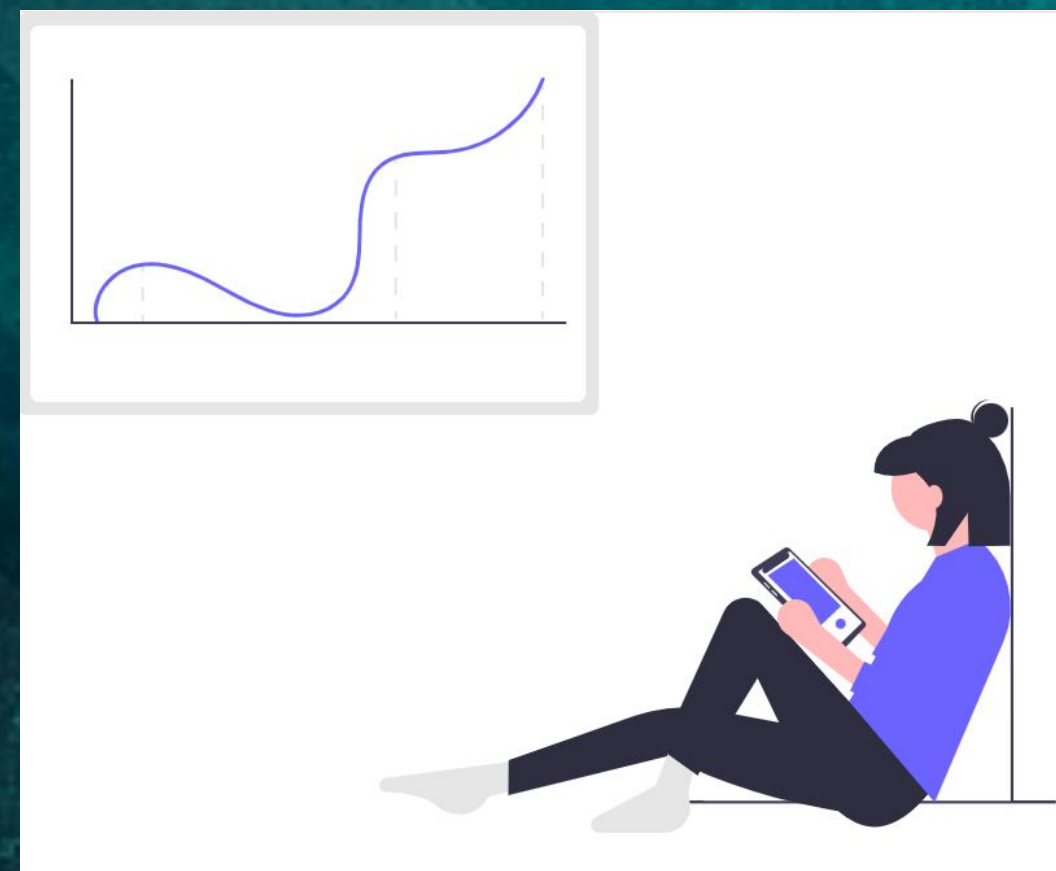
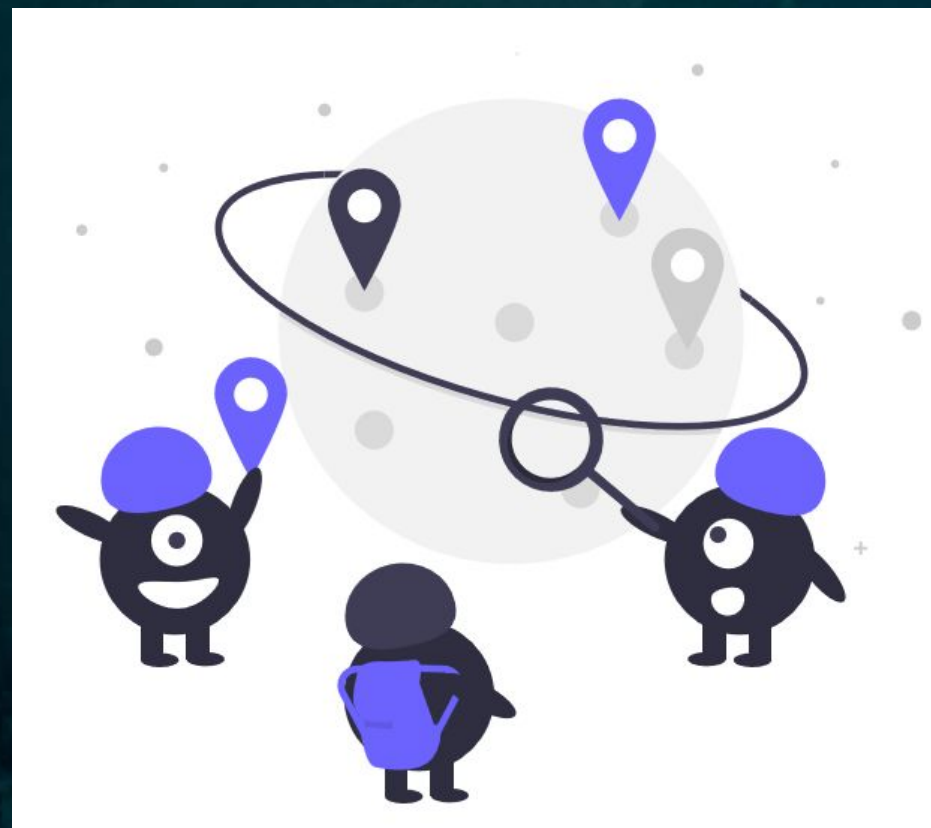


# 3 objectives

FAIR Earth System Models (ESMs) and FAIR climate data

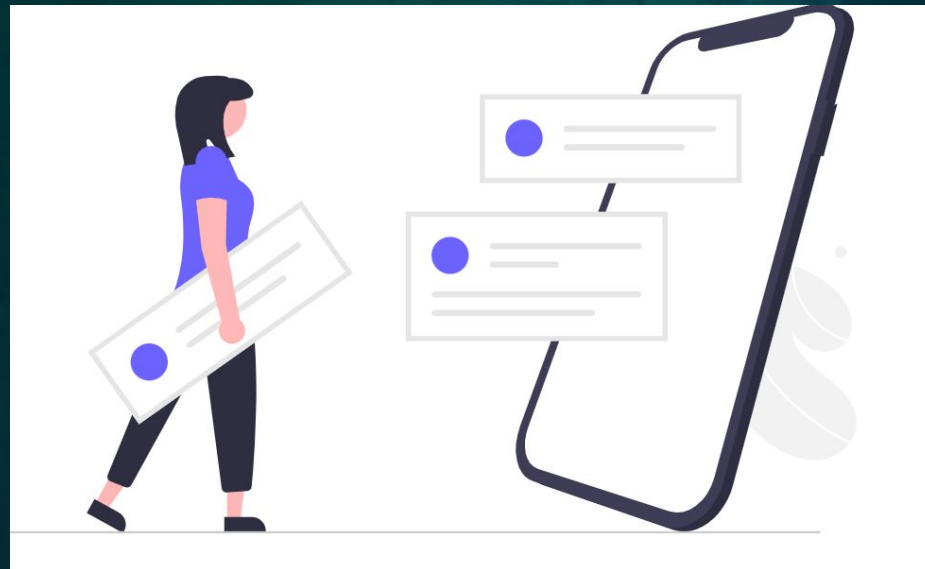
ESM data analysis and diagnostics focused on Nordic regions and for Nordic researchers

ESM workflows that are efficient and easy to develop and run anywhere

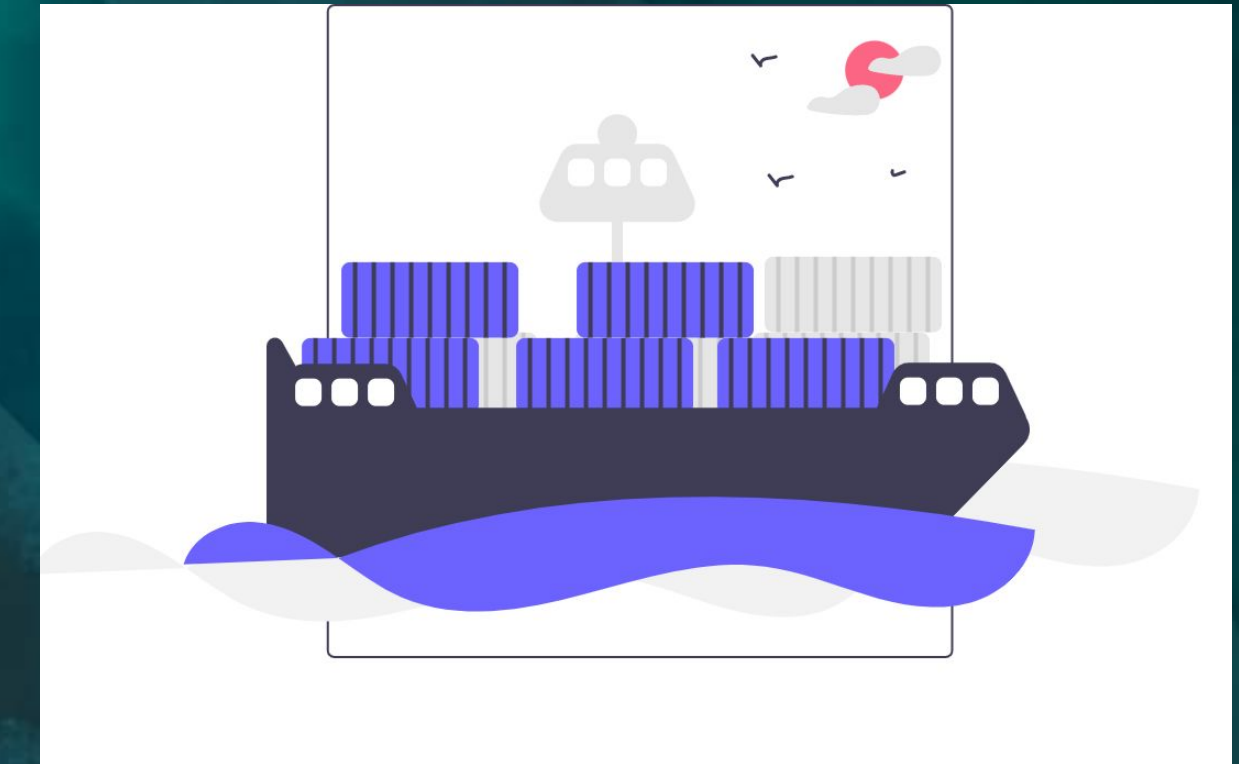


# Our main achievements

Collaboration on the installation of the Finnish Earth System Grid Federation (ESGF) node

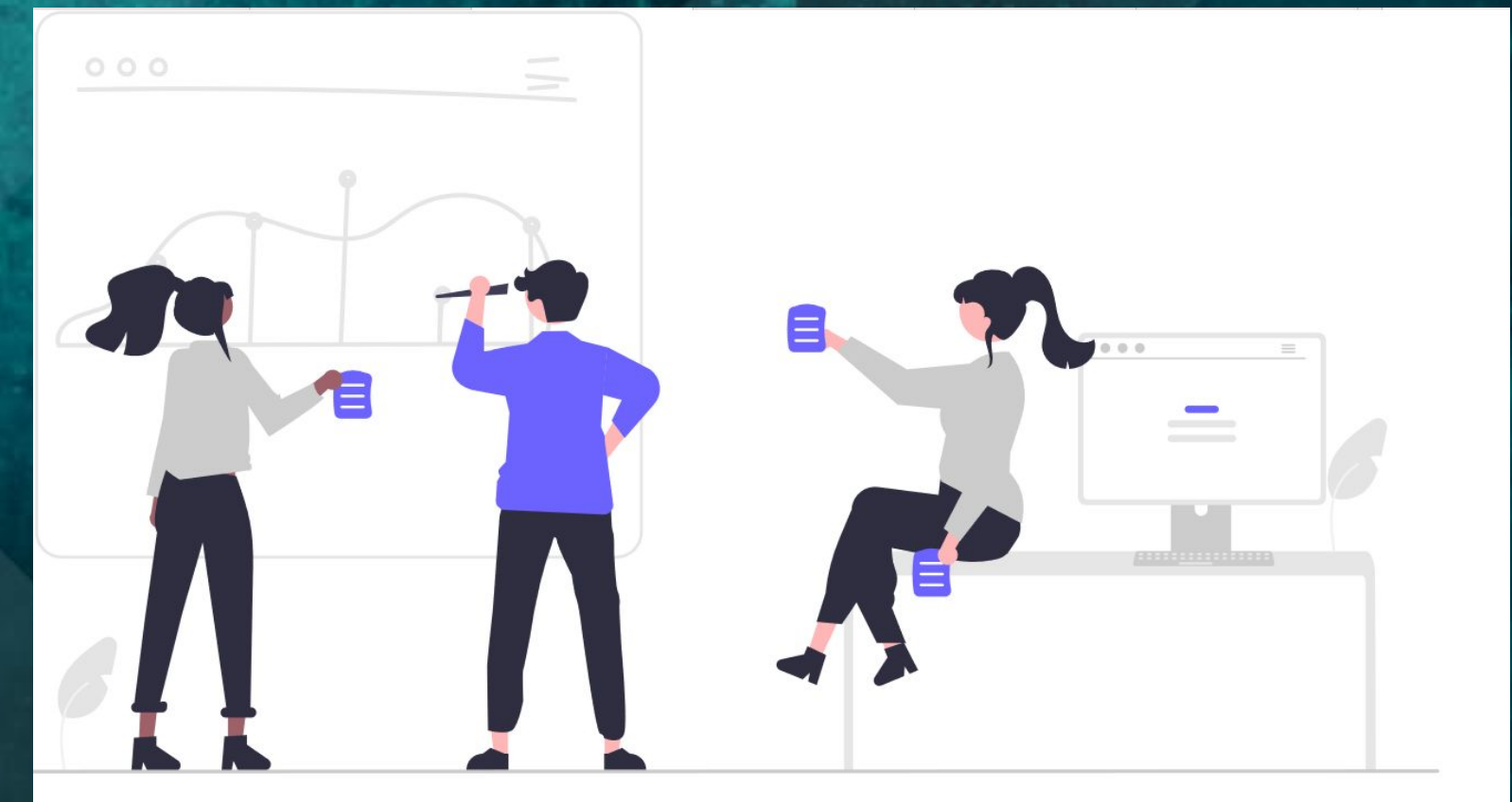
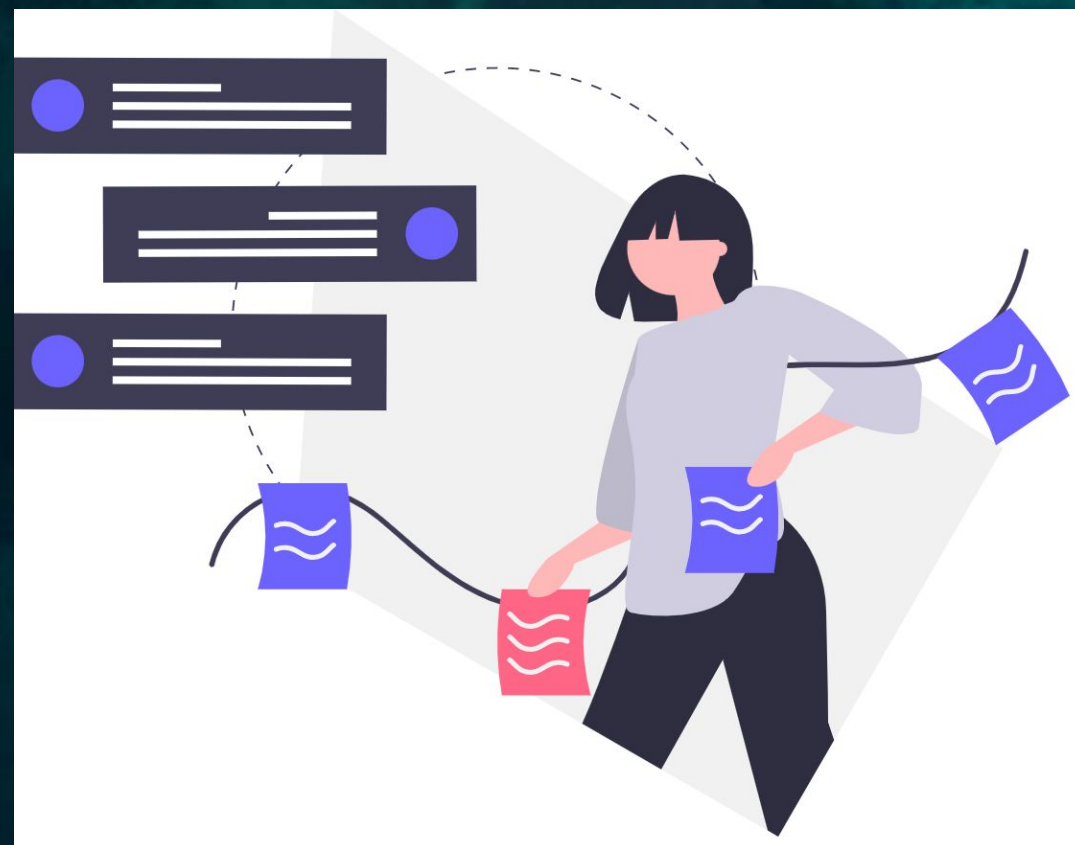


Understanding of the FAIR principles and of the role of ESGF for the development of the roadmap for Nordic FAIR climate data and software



Containerization of ESMs for use from laptop to LUMI with similar performance as on bare-metal, with the aim to have FAIR climate tools

Identification of potential bottlenecks that can impact the efficient usage of the Nordic ESMs on EuroHPC



# NeIC's role

Break through walls to change our behavior, and eventually our mindsets

Team-up with national infrastructure providers and e-infrastructure specialists

Emphasize the need to embrace diversity and on-board new members for success

