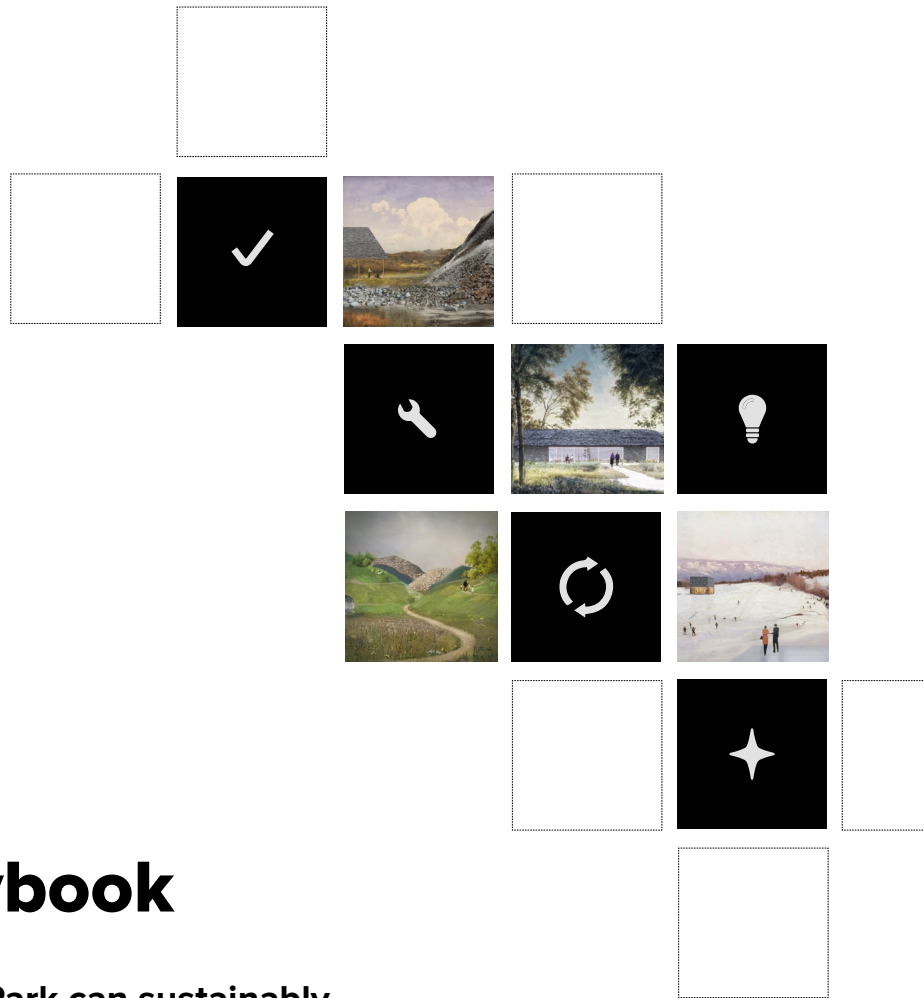


Nome,
Norway



A 100 Years Playbook

To guide how the Green Mineral Park can sustainably grow over time - socially, ecologically, and spatially.

How can we rethink mining in a time of ecological urgency, spatial fragility, and shifting global economies? The challenge posed by the Nome Green Mineral Park is not only one of industrial functionality, but of designing an evolving ecosystem - where natural and artificial elements, extractive and regenerative processes, and human and non-human needs must co-exist. Nome's scale, ambition, and context demand a new approach: one that embraces uncertainty, and builds shared value over time.

The project sets out a long-term vision and spatial strategy for the Green Mineral Park, not as a fixed masterplan, but as a series of design strategies, guiding principles and tools organised as an architectural **playbook**.

What is a Playbook?

A playbook is a collection of strategies designed to guide decision-making across changing conditions. Rather than defining a single outcome, it sets up a framework of possible moves - adaptable to time, actors, and scenarios.

The 100 Years Playbook is tailored to the central challenge of the Green Mineral Park to design a spatial system that will inevitably evolve, and deeply transform its surrounding for over a century. Without attempting to predict the future, this playbook proposes tools and principles that foster resilience, circularity, and long-term territorial care, while remaining open-ended and not tied to a single design outcome.

How to read it?

The *Playbook* is structured across three temporal stages, each represented in one A1 panel:

- **Panel 1 - Phase 1 (0–10 years)**
Preparation, early extraction, and foundational infrastructure
- **Panel 2 - Phase 2 (10+ years)**
Ecosystem scaling, circular synergies, and spatial intensification
- **Panel 3 - Phase 3 (100+ years)**
Flexible futures, adaptive reuse, and shared stewardship

Each panel is organised vertically and presents three parts of content:

- A **phase introduction** that frames the temporal logic, actor synergies, and wider impacts across Nome municipality
- A **masterplan illustration** that envisions spatial feasibility and reflects the brief's functional requirements
- A **catalogue of “cards”** - guiding principles, design strategies, and enabling tools, each structured around the three fundamental layers of the project: ecological, spatial, and social (categorised on the panels with the codes *E*, *SP*, *SO*, plus numbers associated at each phase, 1,2,3)

INTRODUCTION
VISIONING / MASTERPLAN
CARDS W. PRINCIPLES, STRATEGIES, TOOLS

The goal of the Playbook

The goal of the *Playbook* is to be an helpful design guideline and inspiring framework for a complex project like Nome's Green Mineral Park. it will ensure that, when time and needs evolve, core values principles and ambitions are the same. Furthermore, by forcing deep reflection on the transformative effects over time, it encourages to think the project as an evolving ecosystem rather than a static phenomena.

Phase 1:

Seeding the Park: ecological and spatial foundations

The first phase includes site preparation, construction, and the start of REE operations. Though it covers only a small portion of the final layout, **this phase is crucial for establishing robust spatial, social, and ecological foundations for the park's long-term evolution.**

The *Playbook* outlines key principles such as “protect biodiversity and embed ecological intelligence from day one”, “establish a shared infrastructure base,” and “create early spaces for cross-collaboration”. REE actors are positioned around a collaborative node. A few by-product processors are active from the start, transforming coarse rock into roads and foundations. Landscape actors also appear early, as land stewards and catalysts for civic life and landfill regeneration.



Phase 2:

A circular ecosystem: Scaling Synergies and Shared Grounds

The second phase builds on the first, focusing on the full spatial and programmatic expansion of the park. It marks a moment of actor growth, landfill shaping, and the scaling of circular synergies established early on. The *Playbook* **explores how collaborative and social infrastructure can redefine the mineral facility - enhancing efficiency while enabling coexistence.**

Guiding principles include “integrate natural and mineral systems into a shared metabolism,” “develop a flexible and collaborative infrastructure,” and “create diverse spaces for well-being and cohabitation.” Actors are clustered around shared facilities to maximise resource exchange. High-risk, machine-first areas are buffered from low-risk, human-first zones through a forest corridor that hosts social pavilions and gathering points. Wild nature (the forest) and synthetic terrain (the landfills) are actively integrated to support biodiversity and generate unexpected cultural and recreational ecologies.



Phase 3:

Expanding Futures: Adaptability, Legacy, and New Potential

The third phase embraces the unknown. What happens in 100 years is impossible to predict - but the scale and impact of the park require us to imagine its legacy. This phase explores possible futures: post-extraction reuse, mixed-use densification, or new industrial expansions. Rather than offering fixed answers, the *Playbook* shows **how a resilient spatial, ecological, and social framework - laid in earlier phases — can support diverse trajectories.** Key ideas include rewilding and integrating remaining landfills, expanding water systems and bringing back wetlands for carbon capture, and densifying within the park's existing footprint.



Circularity

Circularity is not treated as a singular phase or a set of technical solutions, but as a continuous thread woven through all phases and layers (*ecological, spatial, social*) of the Green Mineral Park's evolution. Rather than focusing on specific material loops, the *Playbook* lays out the spatial, ecological, and infrastructural principles necessary to enable circular processes. From landfills strategic positioning, to actors proximity, from shared facilities to transformable infrastructure and re-adaptable buildings, from heavy industrial reuse cycles to smaller-scale R&D-driven innovation, the circularity here is understood systemically across elements and time.

Final Considerations

Even though it establishes a strong foundation, this *Playbook* is inherently unfinished and does not claim to resolve every aspect of the mineral park's transformation.

The 100 Years Playbook is a starting point and a spatial framework to be expanded, tested, and rewritten by future planners, policymakers, experts, scientists, and communities. It is a tool to set high ambitions and to illustrate how to practically achieve them over time.

Thank you for this great challenge.

