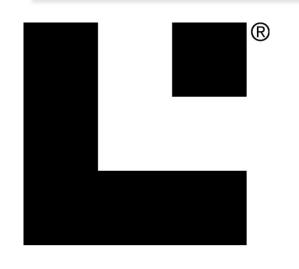
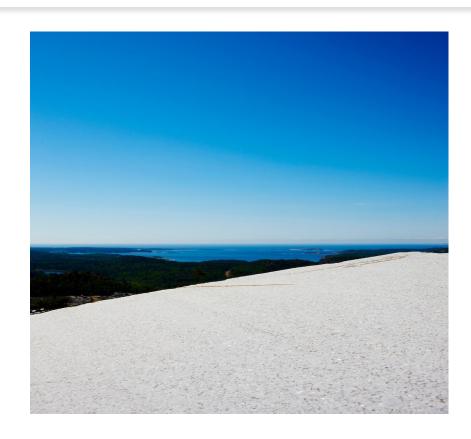
## Block Extraction

The Story of Lundhs Natural Stone Begins at our Quarries in Larvik, Norway....



LUNDHS
Crafted by nature
Refined for living





# 100% Natural Dimensional Stone: Sustainability, Transparency and Solutions for Modern Design -created by nature-

**NOT Man-Made** 



## Extracted from Lundhs quarries in Norway

#### since 1962

#### **Unique Geology**

LARVIKITE & ANORTHOSITE

Contains: zero % quartz. No free-crystalline silica

NOT A GRANITE -Lundh's materials contain over 80% Feldspar minerals.

Feldspar is what gives strength to granite.

#### **Extreme Performance by Nature**





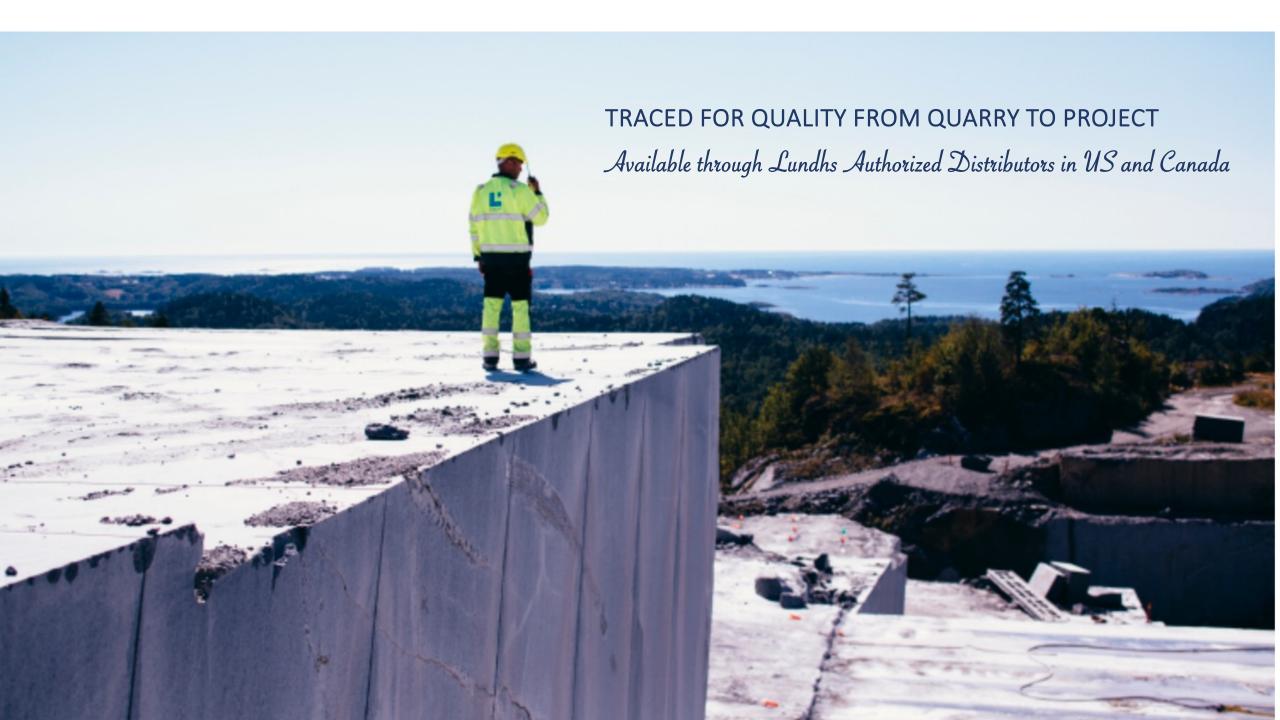








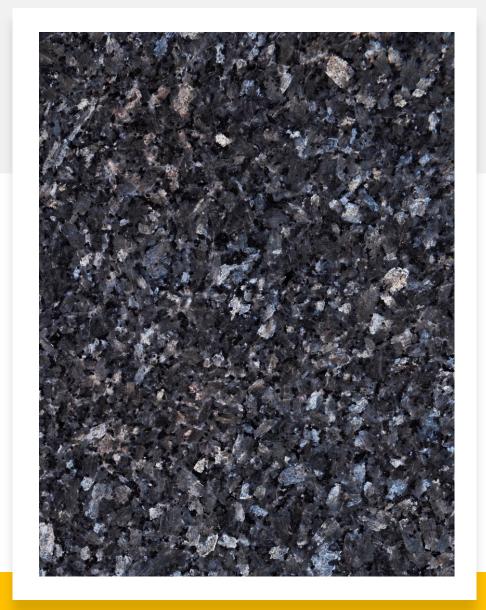




Four Naturally occurring Igneous formed rocks. Only found in Norway.

- Lundhs® Emerald
- Lundhs® Blue
- Lundhs® Antique
- Lundhs® Royal

Available in a variety of finishes.









## Now let us begin to explain...

Listen to this short video to get started.

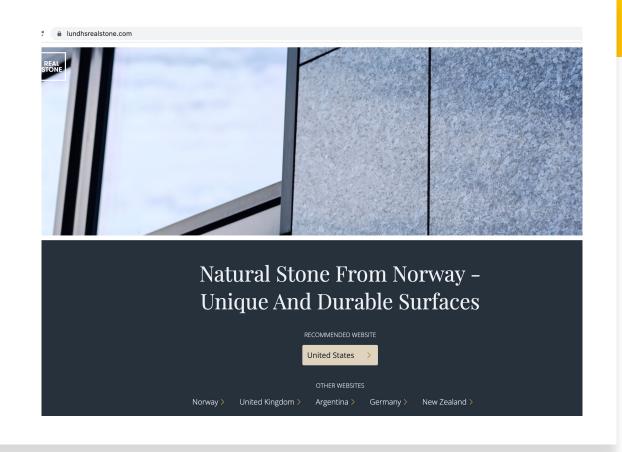


## NATURAL STONE FROM NORWAY

FOR INTERIOR AND EXTERIOR SURFACES

#### New Lundhs Website- 2024

- Coming soon...
- Complete revised site- **One site only** for all markets with special section for A+D professionals.
- Thank you for your patience.



## Why choose Lundhs?

Solution based concept

## LUNDHS

Crafted by nature Refined for living

## Wellness Designers looking Beyond Aesthetics

- Fact: Lundhs Real Stone naturally formed in the earth revealing zero % quartz mineral.
- Due to its unique composition and geology, this natural stone does not contain free-crystalline silica.
- Therefore, a great option in natural surfacing for those concerned about the increasing health concerns amongst workers who manufacture engineered quartz surfacing.

#### hospitality design

News v Projects v People v Products v Awards + Events v Videos v Subscribe v

NEWS: BUSINESS + PEOPLE
WELLNESS + SUSTAINABILITY

SEPTEMBER 14, 2023

#### With Quartz Linked to Silicosis, Manufacturers Seek Alternatives

Hospitality companies move away from quartz as health concerns for factory workers rise

Words by: Nicole Pollack





Presenting a **Revolutionary**Registered Brand of Natural Stone.

REVOLUTIONARY Natural Stone brand controlled by Lundhs AS quarries of Norway.



Quality controlled at top of the supply chain- the quarry.



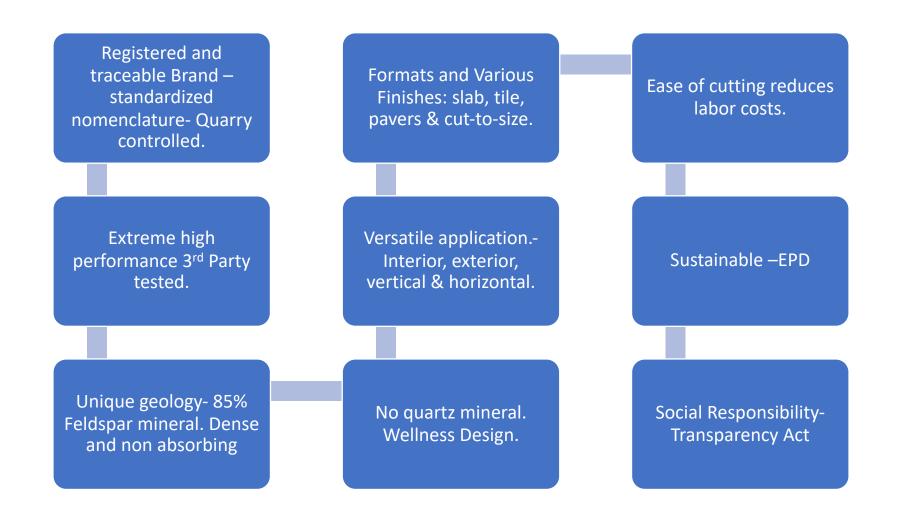
Traceable blocks via unique ID number assigned from quarry to project.



Solution to Specifying natural stone. Formats and Various Finishes: slab, tile, pavers & cut-to-size.



#### Long awaited solution in **specifying** Natural Stone...



#### Specification of Lundhs® Real Stone

Lundhs Blue®, Lundhs Emerald®, Lundhs Antique® and Lundhs Royal® all should be specified by name.

<u>Spec Example:</u> Lundhs Blue® LRS Quality (request Lundhs unique ID number prior to purchase to ensure proper material color and quality). No alternatives.

<u>NOTE</u>: If alternatives are an option, keep in mind that there are other qualities under generic names (often <u>NOT</u> labeled correctly in the market) that do not meet the standards of LRS brand and those other qualities have not been under the same quality control measures as our branded top 10% Norwegian quarried material.

#### Easy access of Samples: LUNDHS PARTNERS WITH MATERIAL BANK

The go-to source for professionals; product info and immediate overnight sample needs.







**Material Bank®** 

Lundhs Real Stone found on BIM for professional rendering needs. Only registered brands are valid partners with BIM.

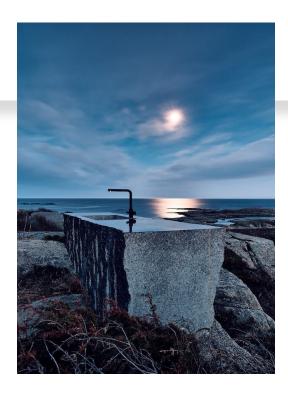


• BIM Supports programs such as:









## -VERSATILE APPLICATIONS- INTERIOR AND EXTERIOR SURFACES

Excellent performance for Hospitality Surfaces-(restaurant food /bar area)...

Spas Surfaces- (pools, steam showers, pool lining...)

Outdoor Spaces- (Fountains, table- tops, paving, exterior cladding...)

Commercial flooring

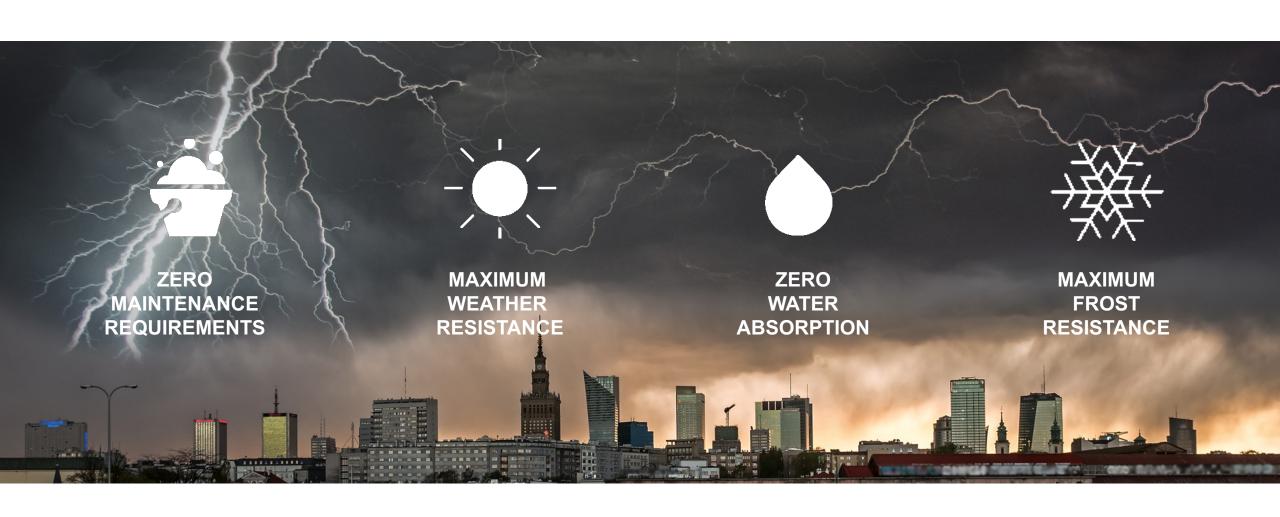
Healthcare facilities

Residential Living Spaces.

Supports Post Tension applications- \*advised to work with qualified stone engineering specialists.

- Surface Heat Tolerant to 575 degrees F
- Non-Porous by Nature
- Scratch Resistant
- Stain Resistant
- Chemical Resistant

#### Versatile Lundhs Real Stone- 3rd party tested

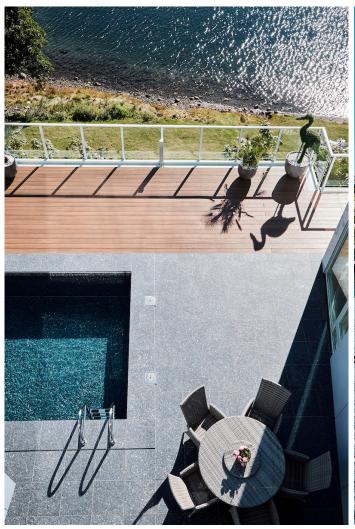


Proven by the test of time. From sidewalks in Las Vegas to cladding on buildings. Longevity for interior and exterior design.



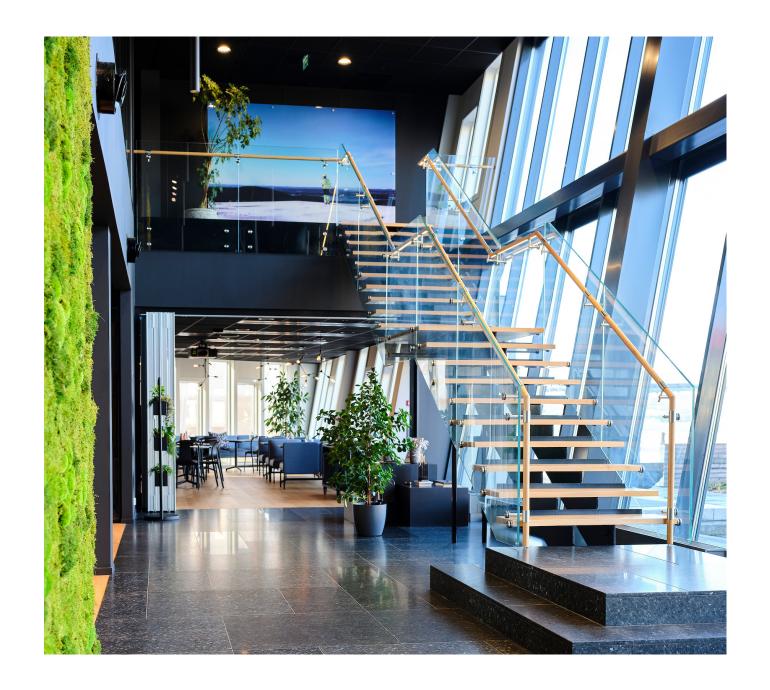


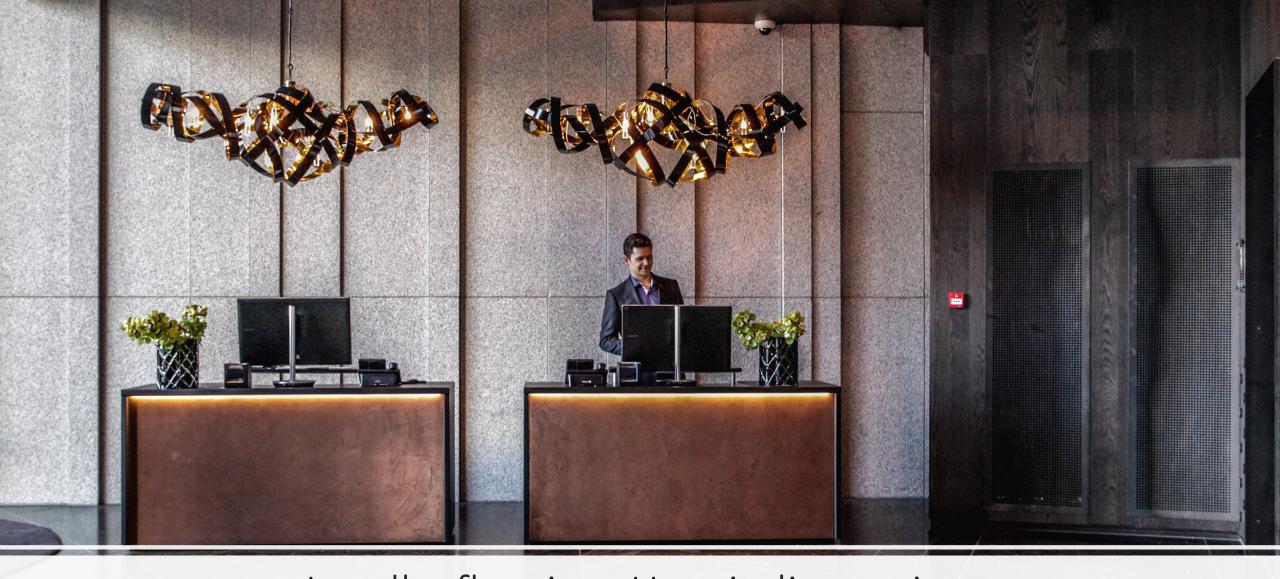
Exterior Pavers to Lining the inside of a swimming pool.



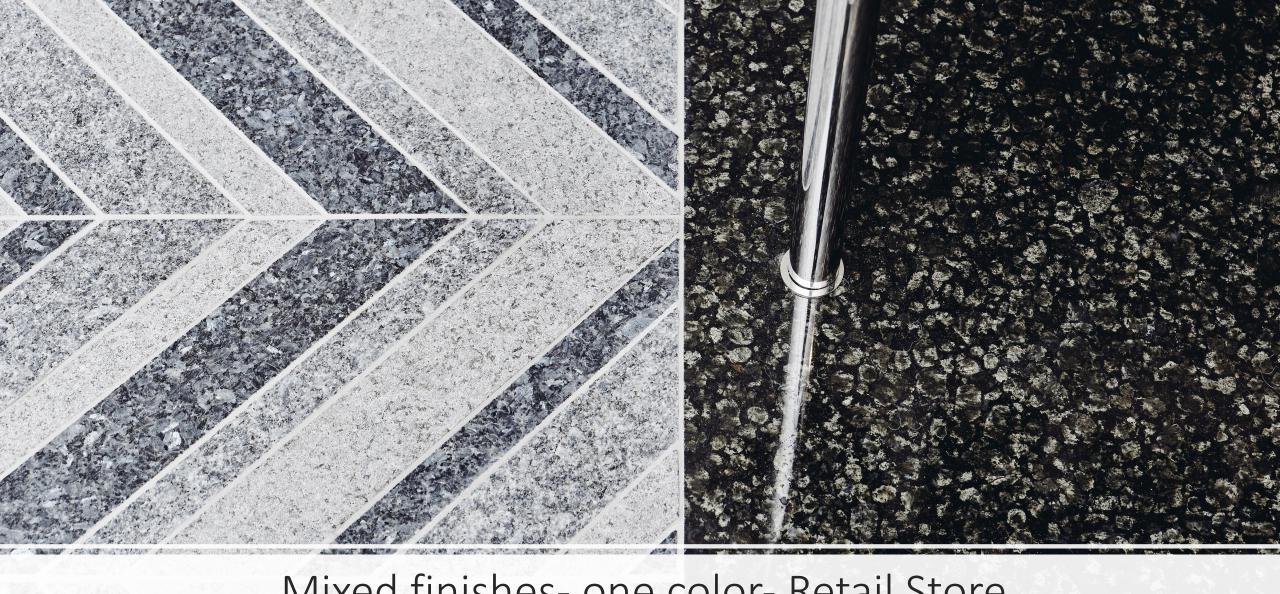


Office Building-Lundhs Flooringmixed honed & silk finish.

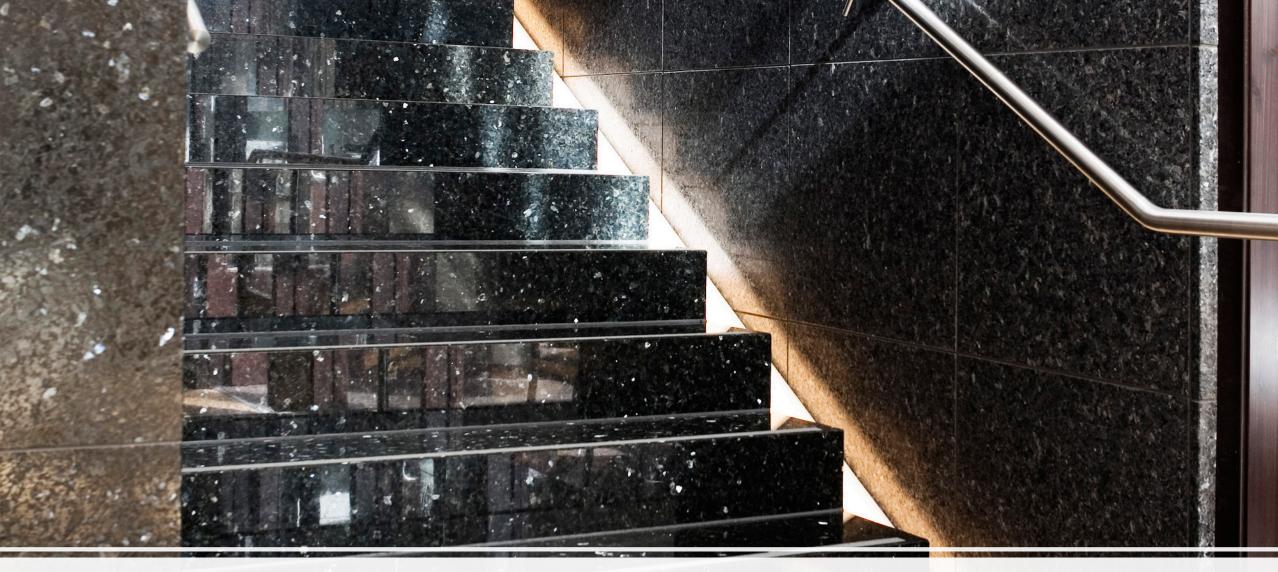




Lundhs flooring- Hospitality project



Mixed finishes- one color- Retail Store



Commercial Staircase- caress finish



Lundhs Royal – flamed finish (Hotel Spa)

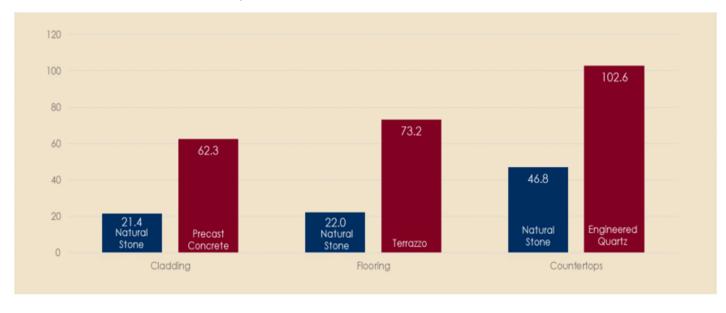


## Stone Solutions to Modern Problems

#### Why Use Natural Stone?

- Natural Stone is an abundant, Low Carbon material compared to many other building materials.
- There are no large-scale industrial operations involved in the creation of the material itself.
- The extraction, cutting and shaping of stone can be carried out with much less energy than other materials as shown on chart. (source: NSI)
- Material re-use and re-purpose.
- For more info- visit: https://www.naturalstoneinstitute.org

#### **Embodied Carbon Comparisons**



#### Functional Lifetime Expectancy



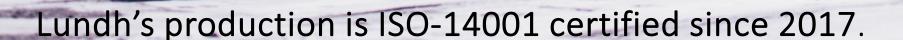
- Lifetime expectancy in a life cycle assessment is set to 80 years
- The lifetime expectancy of Lundhs Real Stone is eternal



- Environmental impact planning and management
- Active Utilization of Lundhs materials : Road- Bed, Erosion

Rock, Agriculture sediment etc..

- Quarry operational efficiency
- Minimising Transport Impact
- Existing Certifications include:



Continuously working towards other certifications such as



### Lundhs Sustainability Goals and Actions



- 100% utilization of all extracted stone by 2025
  - -Innovative projects to use all materials.
  - → Corporation with local companies to use surplus materials.
- Material Bank reuse of samples.



- Sustainability is evaluated all procurements and purchases.
- Sustainability is included in all types of purchases and procurements in Lundhs



- Restoring quarries back to nature
- 100% zero emmision solutions in all Quarries through Investments made in best available Technology for Machinery and Equipment.
- Reuse of water. Water testing in and around quarries.
- Establishment of salamander pond. Protecting wildlife around the quarries.
- Reducing emissions by rebuilding of old machines from diesel to hybrid.
- All new machines have clean air exhaust.



- EPD, MOM\*, Technical Data continue to work for different certifications.
- Building women's lockers in the quarries.
- Attracting young workers.
- Supporting the local community in terms of sport, art, and return to work programs.
- \*Manufacturing Operations Management.

Long Term Planning- showing Lundhs water reuse pool. Sediment collected at bottom of pool supports agriculture.



#### Quarry Operational Efficiency



#### Lundhs EDP Documentation 2020-2025.

For detailed documents please ask your Authorized Lundhs Distributor.

Lundhs® Blue. Lundhs® Emerald, Lundhs® Royal & Lundhs® Antique

Ver1 2015



#### **ENVIRONMENTAL PRODUCT DECLARATION**

in accordance with ISO 14025, ISO 21930 and EN 15804

Owner of declaration: Lundhs AS

Program operator: Næringslivets Stiftelse for Miljødeklarasjoner

Issued by: Næringslivets Stiftelse for Miljødeklarasjoner

Declaration number: NEPD-2560-1289-NO

Publishing number: NEPD-2560-1289-NO

ECO Platform registration number:

Approved date: 24.11.2020

Valid through: 24.11.2025

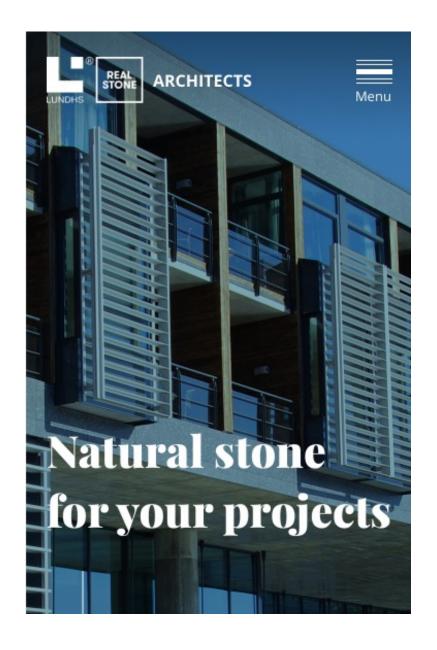


### Transparency Act of July 1, 2023 – Norway

- Customers want to know where, how and under what conditions their products are made.
- Information will lead to more informed choice
- Various international guidelines already impose requirements for due diligence and transparency.
- The Transparency act shall promote businesses' respect for human rights and decent working conditions, as well as ensure the public's access to information.
- By June 30 th 2023 all Norwegian companies were required to publish their statement of general scope and due dilligence assesements according to the transparency act.
- Supplier Code of Conduct is required by Law.









Contact Lundhs Authorized Partner

CE@Lundhs.no