



## **Objectives**

- Inventory of environmental and economic sustainable high quality natural stone resources.*
- Creating a transferable regional business climate, and a concept for resource utilisation.*
- Transfer and share “best practises and know-how” in the whole Northern Periphery area and stimulate co-operation over the borders.*



## ***PARTNERS***

***Geological Survey of Sweden , SGU, Lead partner***

***Geological Survey of Norway, NGU***

***Geological Survey of Denmark and Greenland, GEUS***

***Pyhäjärven Kehitys Oy, Finland***

***(Geological Survey of Finland, GTK, Finland)***

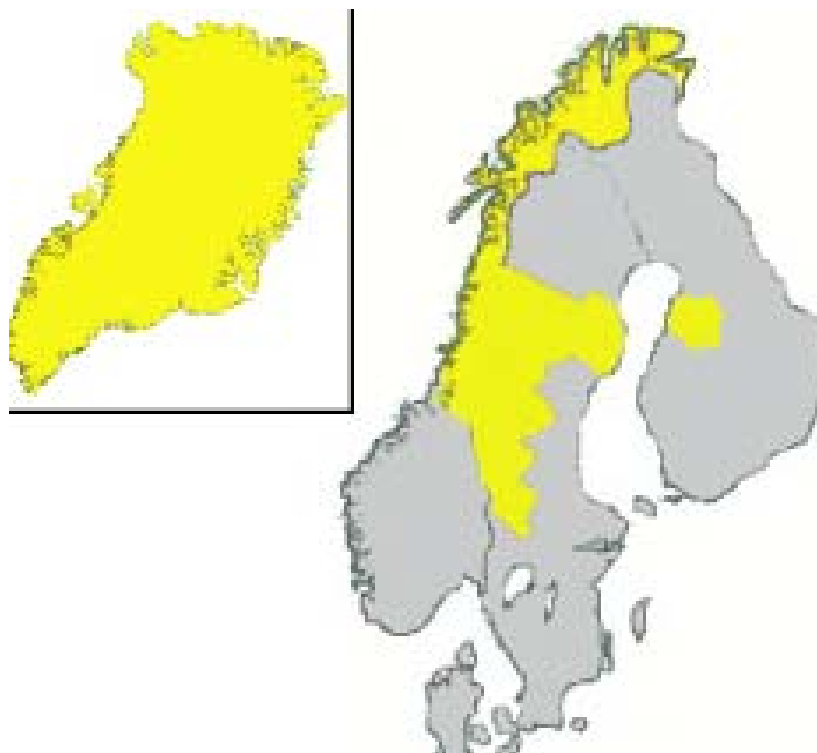
# ***PNASTINA-project***

*Promotion of natural stone industry in the northern areas*



This project is being part-financed by  
the european community

European Regional Development Fund



***PNASTINA Area***

***in***

***Finland***

***Sweden***

***Norway***

***Greenland***

# ***PNASTINA-project***

*Promotion of natural stone industry in the northern areas*



This project is being part-financed by  
the European community  
European Regional Development Fund

*Inventory of environmental and economic sustainable high  
quality natural stone resources.*



# ***PNASTINA- project***

*Promotion of natural stone industry in the northern areas*



This project is being part-financed by the European Community

European Regional Development Fund



*Inventory of environmental and economic sustainable high quality natural stone resources.*



# ***PNASTINA- project***

*Promotion of natural stone industry in the northern areas*



This project is being part-financed by the European Community

European Regional Development Fund



*Inventory of environmental and economic sustainable high quality natural stone resources.*



# ***PNASTINA- project***

*Promotion of natural stone industry in the northern areas*



This project is being part-financed by  
the european community  
European Regional Development Fund

*Creating a transferable regional  
business climate, and a  
concept for resource utilisation.*



# ***PNASTINA- project***

*Promotion of natural stone industry in the northern areas*



This project is being part-financed by the European Community

European Regional Development Fund



*Transfer and share “best practises and know-how” in the whole Northern Periphery area and stimulate co-operation over the borders.*



# ***PNASTINA- project***

*Promotion of natural stone industry in the northern areas*



This project is being part-financed by  
the European community

European Regional Development Fund



*Transfer and share “best practises  
and know-how” in the whole Northern  
Periphery area and stimulate  
co-operation over the borders.*



# ***PNASTINA- project***

*Promotion of natural stone industry in the northern areas*



This project is being part-financed by  
the european community  
European Regional Development Fund



*Transfer and share “best practises and know-how” in the whole Northern Periphery area and stimulate co-operation over the borders.*



# ***PNASTINA-project***

*Promotion of natural stone industry in the northern areas*



This project is being part-financed by  
the european community

European Regional Development Fund

## **Participants**

### **Sweden**

Olof Forslund  
Lisbeth Hildebrand  
Ann Lundmark  
Helge Reginiussen  
Örjan Einarsson

### **Norway**

Tom Heldal  
Ingvar Lindahl  
Björn Lund  
Leif Furuhaug  
Tor Grenne  
Viktor Melezhik  
Gunn Sandvik

### **Denmark/Greenland**

Thomas Rasmussen  
Helle Zetterwall  
Christian Knutdsen  
Stefan Brenstein  
Julie A. Hollis  
Lykke N. Pedersen  
Adan A. Garde  
Torkild M. Rasmussen  
Hans Christian Olsen

### **Finland**

Kalle Taipale  
Jouko Jylänki  
Seppo Leinonen  
Olavi Selonen  
Hannu Luodes  
Heikki Pirinen  
Riita Taipale



## ***Pnastinas database***

*www.pnastina.se*

*An on line interactive  
“new findings database”*

# PNASTINA-project

Promotion of natural stone industry in the northern areas

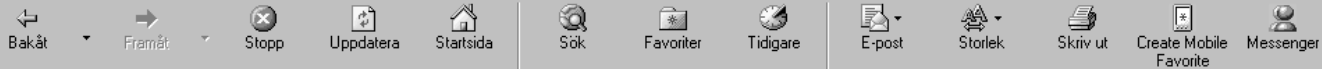


This project is being part-financed by the European Community

European Regional Development Fund

http://www.pnastina.malanet.net/ - Microsoft Internet Explorer

Arkiv Redigera Visa Favoriter Verktyg Hjälp



Länkar Adress http://www.pnastina.malanet.net/

Gå till

## PNASTINA-project

Promotion of natural stone industry in the northern areas



This project is being part-financed by the European Union

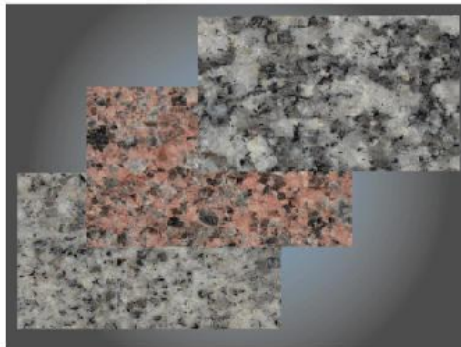
European Regional Development Fund

[objectives](#) [expected results](#) [pnastina area](#) [partners](#) [participants](#) [reports](#) [links](#) [NEW](#) [showroom](#)



**PNASTINA** (Promotion of Natural Stone Industry in the Northern Areas) is a cooperative effort between organisations and the natural stone industry in Denmark, Greenland, Finland, Norway and Sweden.

The project aims at helping small and medium size natural stone enterprises in the Northern Periphery



#### National financing organisations:

**Denmark/Greenland:** Geological Survey of Denmark and Greenland (GEUS).

**Finland:** Ministry of environment. Pyhäjärven Kehitys OY.

**Norway:** Geological Survey of Norway (NGU).

**Sweden:** Geological Survey of Sweden (SGU). Counties of Västerbotten, Jämtland and Dalarna. Local communities of Skellefteå and Vilhelmina.

#### Participating organisations and enterprises:

# PNASTINA-project

Promotion of natural stone industry in the northern areas



This project is being part-financed by the European Community

European Regional Development Fund

showroom - Microsoft Internet Explorer

Arkiv Redigera Visa Favoriter Verktyg Hjälp

Bakåt Framåt Stopp Uppdatera Startside Sök Favoriter Tidigare E-post Skriv ut Redigera

Adress <http://localhost/files/showroom.html> Gå till Länkar

## Showroom

PNASTINA-project

rock-types **NEW** search home

<http://localhost/files/searchDB.html> Lokalt intranät

Start [showroom - Microsoft...](#) 08:53

# PNASTINA-project

Promotion of natural stone industry in the northern areas



This project is being part-financed by the European Community

European Regional Development Fund

showroom - Microsoft Internet Explorer

Arkiv Bedigera Visa Favoriter Verktyg Hjälp

Bakåt Framåt Stopp Uppdatera Startside Sök Favoriter Tidigare E-post Skriv ut Redigera

Adress <http://localhost/files/showroom.html> Gå till Länkar >>

## Showroom

PNASTINA-project

rock-types **NEW** search home

Search for:

Rocktype

Colour

Main mineral

Country

Uses

Number of results:  per page

**Search**

Klar Lokalt intranät

Start showroom - Micr... Microsoft Word - Dok... 08:59

# PNASTINA-project

Promotion of natural stone industry in the northern areas



This project is being part-financed by the European Community

European Regional Development Fund

showroom - Microsoft Internet Explorer

Arkiv Redigera Visa Favoriter Verktyg Hjälp

Bakåt Framåt Stopp Uppdatera Start sida Sök Favoriter Tidigare E-post Skriv ut Redigera











Adress <http://localhost/files/showroom.html> Gå till Länkar >>

## Showroom

rock-types **NEW** search home

Search results for: Whole database






**Rock:**

 Gabbro , Sweden	 Gabbro , Sweden	 Gabbro , Sweden	 Gabbro , Sweden	 Gabbro , Sweden
 Gabbro , Sweden	 Gabbro , Sweden	 Gabbro , Sweden	 Granite , Sweden	 Granite , Sweden

Page 1 of 2. Displaying item 1-10 of 16.

NEXT ►

Klar Lokalt intranät

Start     showroom - Micr... Microsoft Word - Dok1  09:00

# PNASTINA-project

Promotion of natural stone industry in the northern areas



This project is being part-financed by the European Community

European Regional Development Fund

http://localhost/files/showroom.html - Microsoft Internet Explorer

Arkiv Redigera Visa Favoriter Verktyg Hjälp



Adress http://localhost/files/showroom.html

## Showroom

PNASTINA-project

rock-types

**NEW** search

home



**Granite**  
**Strömsund**

This sample was taken during the initial regional mapping of the PNASTINA project. The location has not been studied or mapped in detail yet.

The sample shown is not a commercial product.

Klar

Lokalt intranät

Start | http://local... (C:) | http://lo... | 09:12

# PNASTINA-project

Promotion of natural stone industry in the northern areas



This project is being part-financed by the European Community

European Regional Development Fund

showroom - Microsoft Internet Explorer

Arkiv Redigera Visa Favoriter Verktyg Hjälp

Bakåt Framåt Stopp Uppdatera Startside Sök Favoriter Tidigare E-post Skriv ut Redigera

Adress <http://localhost/files/showroom.html> Gå till Länkar >>

## Showroom

PNASTINA-project

rock-types **NEW** search home

Location	Name of place	-
	Municipality	Strömsund
	UTM datum	-
	UTM zone	-
	UTM east	0
	UTM north	0
Deposit	Reserves	-
	Geological unit	-
	Shape	-
Stone	Commodity	Granite
	Rock type	Granite
	Commercial name	-
	Colour	Gray
	Dominating texture	-
	Dominating structure	-
	Main minerals (>10%)	-

Strömsunds kommun

Lokalt intranät

Start showroom - Mic... Microsoft Word - Dok5 09:02



## ***Project time schedule***

***-Project start: 2003 10 01.***

***-Project end: 2005 12 31.***