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Sustainability project for the monumental complex of Saint Francis of Assisi

fra Sole

for the care
of our common home



www.frasole.org

UNDER THE AUSPICES OF



DICASTERO PER IL SERVIZIO
DELLO SVILUPPO UMANO INTEGRALE



MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE



Regione Umbria



CITTÀ DI
ASSISI
SERENICA CIVITAS

PROMOTORS

A PROJECT BY



Custodia Generale del Sacro Convento
www.sanfrancescoassisi.org

TECHNICAL SUPPORT



www.arpa.umbria.it

COORDINATED BY



www.sisifo.eu

MAIN PARTNER



www.novamont.com

PARTNER



www.finanze.it



www.etica.sgr.it

www.sartoriambiente.it

www.sartoriambiente.it

PARTNER TECNICI



www.sarvex.it

www.ecomondo.it

MEDIA PARTNER



www.sanfrancesco.org

**“Praised be You, My Lord,
through our Sister, Mother
Earth, who sustains and
governs us, producing varied
fruits with coloured flowers
and herbs”**

(Saint Francis of Assisi, *Canticle of the Sun*)



**Saint Francis,
“the example par excellence
of care for the vulnerable and
of an integral ecology lived
out joyfully and
authentically”**

(Laudato si', 10)

**“Invites us to see nature as a
magnificent book in which
God speaks to us and grants
us a glimpse of his infinite
beauty and goodness”**

(Laudato si' 12)





SUSTAINABILITY PROJECT FOR THE SACRED CONVENT OF ASSISI

Memorandum of Understanding

On 28/09/2017, at the Ministry for the Environment, the **General Custody of the Sacred Convent of Assisi** signed a memorandum of understanding with the **Regional Environmental Protection Agency of Umbria** and with **Sisifo – Sostenibilità & Resilienza**, with a view to creating and implementing a single sustainability project for the whole monumental complex, comprising the Upper Basilica, the Lower Basilica, the Tomb of Saint Francis, the Sacred Convent and the Forest.



MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE

The sustainability plan –backed by **Novamont** since the planning stage – will regard all the activities of the Convent, starting from the life of the community of friars and comprising the welcome offered to pilgrims and the activities of the Basilicas of Assisi, with a view to identifying the best technologies and the most efficient, low-environmental-impact management approaches.



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After almost two years of activity, **Fra' Sole** is beginning to see the results achieved, and above all to sketch out new objectives that require further, challenging partnerships.

Thanks to the **studies** implemented, **Fra' Sole** is already able to act upon incoming **material flows, water resource management** and the optimization of **energy** resources. Thanks to consistent purchasing review choices aimed at reducing the amount of **waste** produced, separate collection of all fractions of waste is continually evolving, thanks to the specific tools adopted.



A moment from the presentation at Ecomondo fair, Rimini

Much remains to be done, and what has been achieved so far is thanks to the many **circular economy** and **ethical finance** businesses that provide on-going support to **Fra' Sole**:

*“A project of this importance cannot be carried out without the skills and enthusiasm of the many players who support and supervise one another”, said Father Custodian **Fra' Mauro Gambetti**, who emphasized the “importance of having an overall vision, such as the one proposed by **Prof. Walter Ganapini**, in which the players taking part in this conversion have a fundamental role to play”.*



The scientist Catia Bastioli while visiting the project's stand



OBJECTIVES

- A.** Implementation of **sustainable solutions and good practices** in the monumental complex, following a detailed assessment certified by Arpa
- B.** Drafting of **replicable regulations specifically dedicated to religious monuments** and closed communities
- C.** Raising awareness of **sustainability issues** among all visitors to Assisi



PROMOTORS



General Custody of the Sacred Convent

Religious organisation of the Order of Friars Minor Conventual, which, with a stable community of friars, takes care of the Sacred Convent and the Basilica of Saint Francis in Assisi;



Regional Environmental Protection Agency of Umbria

Regional body that develops and coordinates preventive and protective action for the safeguarding of the environment.



Sisifo – Sostenibilità e Resilienza

A strategic consulting company for the resilience and sustainability of organisations in the circular economy. Has drafted and implemented sustainability plans for events at national and international level.

MAIN PARTNER



Novamont spa

A leading Italian company in the research, design and production of biochemical raw materials that make it possible to use renewable resources in order to reduce the environmental impact of production and consumption systems.



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PATRONAGE OBTAINED FROM:

al 31/12/2018



DICASTERO PER IL SERVIZIO
DELLO SVILUPPO UMANO INTEGRALE



MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE



Regione Umbria



CITTÀ DI
ASSISI

SERAPHICA CIVITAS



Giuseppe Lanzi (Sisifo)
Sergio Costa (Ministro dell'Ambiente)
P. Mauro Gambetti (Sacro Convento Assisi)



Giuseppe Lanzi (Sisifo)
P. Mauro Gambetti (Sacro Convento Assisi)
Walter Ganapini (ARPA Umbria)



Sustainability project
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PROJECT PARTNERS



“A project of this importance cannot be carried out without the skills and enthusiasm of the many players who support and supervise one another”

Fra Mauro Gambetti,
Padre Custode del Sacro
Convento



Sustainability project
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MEDIA PARTNER

VALORI

valori Notizie di finanza etica
ed economia sostenibile

www.valori.it



SAN FRANCESCO
PATRONO D'ITALIA

sanfrancesco

www.sanfrancescopatronoditalia.it



Sustainability project
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STAGES



A. Shared project planning (technicians of the structure with contact persons of the partners)



B. Technical analysis and report on:



1. Material flows

- Incoming materials: catering, cleaning products, water
- Production, collection and disposal of all fractions of waste



2. Energy flows

- Electric energy
- Cooling
- Heating
- Domestic hot water



3. General Project Coordination; Optimisation of Purchases, Green Purchases, Zero Food Miles Produce, Ethical Financing



C. Planning and identification of resources for development actions



D. Dissemination

AREAS OF INTERVENTION

MATERIAL FLOWS

Positioning of new, more suitable, customised recycling containers



AREAS OF INTERVENTION

Positioning of new, more suitable recycling bins

Internal use accommodation and common areas



AREAS OF INTERVENTION

New solutions being studied for external

Current situation

Need to plan for collection points for the various types of waste, in harmony with the location (Upper and Lower Square)



AREAS OF INTERVENTION

Automatic distributors and coffee points

- Compostable capsules
- Compostable, recyclable disposable cups
- Tap water distributors
- Waste containers for compostable cups



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AREAS OF INTERVENTION

Recovery of organic waste

Study and implementation of a solution for the recovery of organic waste so the compost can be used for the land of the convent or the local area.

- Food waste
- Clearing of the forest of Assisi



AREAS OF INTERVENTION

Water

Current situation tanks available for rainwater collection
Under study adjustment and implementation of tanks present

Purchase of cleaning products for personal care and outdoor and indoor use

Current situation wholesale purchase of standard products available on the market
Under study supplies of eco-compatible products



AREAS OF INTERVENTION

ENERGY FLOWS

Current situation

UNI PG has conducted a study on the energy efficiency of the monumental complex. According to the Italian energy performance classification system **APE**, it is in class **A2**

Under study

Research into the best technologies available, aiming for the use of carbon-free energy sources, with improvements regarding:

- Electrical energy consumption
- Cooling
- Heating
- Domestic hot water



TOOLS

Information resources for waste management in the Convent

1. **Vertical signs**
2. **Indications on the containers**
3. **Information material** for the accommodation of the friars and occasional and regular guests (waste collection system and collection points)



TOOLS

Bringing on board other local players, we will be creating a **Pilgrim kit** for the groups and agencies that organise pilgrimages to the Tomb of Saint Francis

Aim: to reduce the environmental impact of the pilgrims and raise their awareness of good sustainability practices

Under construction:

1. **Multilingual guide**
2. **Dedicated website** www.frasole.org
3. **Drinking bottle** for the use of tap water



TOOLS

4. Pilgrim's diary

(notebook with pen made from Mater-Bi)
with the sustainability project cover

5. Other materials

Under study: a customised **Pilgrim bag** to take away
and carry leftovers



ALL THE
MATERIALS WILL
BE SUITABLY
CUSTOMISED



TOOLS

Shopper made from Mater-Bi with project graphics

For dissemination of the project, a shopper compliant with the EN 13432 standard has been chosen, with the project graphics.

The shopper is used for visitors purchasing religious articles and souvenirs in the complex.



TOOLS

ALL THE
MATERIALS WILL
BE SUITABLY
CUSTOMISED

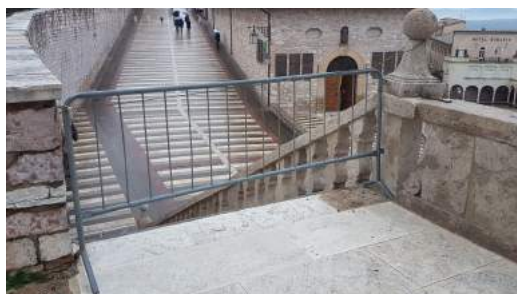
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Barriers

The barriers marking off access to the Lower Square and the Basilicas could be used to transmit information.

Under study: the creation of a model made from recycled material



** formulazione proposta

DISSEMINATION



Presences in Assisi

1. **Approx. 7,000,000** visitors

2. Numerous **events**

3. Significant places

- Sacred Convent
- Franciscanum

Blue points

Sacred Convent
Franciscanum

Red points

Areas for public notices

Blue lines: the streets most frequently walked by the pilgrims



DISSEMINATION



Periodic installation of panels in the Lower Square

Current situation:

**The Convent has mobile supports that can be used.
They are undergoing a complete re-examination.**

Under study:

Both mobile and permanent installations, for constant dissemination of the project



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DISSEMINATION

Notices

A plan is under study for the posting of notices in the spaces available in the town centre of Assisi, with the collaboration of the Town Council

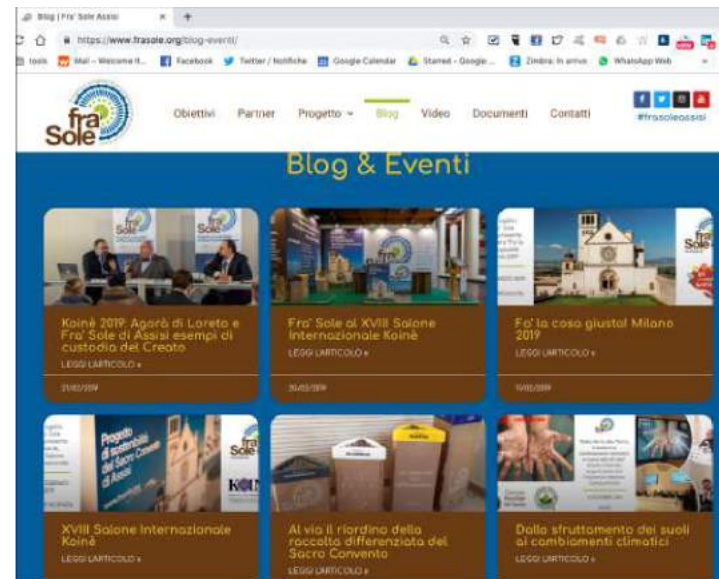


DISSEMINATION

Dedicated website and blog

Given the complexity and importance of the sustainability project for the monumental complex of Assisi, it requires the study and creation of a dedicated multilingual website for the effective, organised dissemination both of the case study and the sustainability principles underlying it.

Each partner will have a page on the website dedicated to its intervention as part of the project.



Sustainability project
for the monumental complex of Saint Francis of Assisi



EVENTS



5ª edizione

FIERA DEL CONSUMO CRITICO
E DEGLI STILI DI VITA SOSTENIBILI

12 13 14
VENERDI SABATO DOMENICA
OTTOBRE 2018
UMBRIAFIERE - BASTIA UMBRA



www.frasole.org

promotori

CONSIGLIO REGIONALE REGIONE UMBRIA

con il patrocinio di

main partner

partner tecnico

media partner

Progetto di sostenibilità del Sacro Convento di Assisi

fra Sole

Progetto di sostenibilità del Complesso Monumentale di Assisi

www.frasole.org

www.frasole.org

promotori

CONSIGLIO REGIONALE REGIONE UMBRIA

con il patrocinio di

main partner

partner tecnico

media partner

Fiera del consumo critico e degli stili di vita sostenibili



Fa' la cosa giusta!
8-10 marzo 2019
fieramilanocity



Sustainability project

for the monumental complex of Saint Francis of Assisi

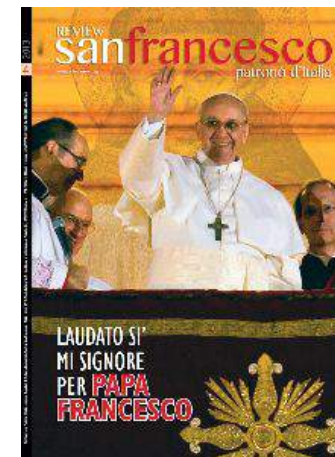


DISSEMINATION

Publications in specialised magazines

A plan is under study for scheduled periodic publications regarding the project, in magazines including:

- **Internazionale**
- **Eco delle Città**
- **La Nuova Ecologia**
- **San Francesco Patrono d'Italia**



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DISSEMINATION

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Welcoming guests, pilgrims and young people

- Use of the **pilgrim KIT**
- Preparation of **information flyers with rules for safeguarding the environment**
- Preparation of **information material for the accommodation facilities**

ALL THE MATERIALS WILL BE SUITABLY CUSTOMISED

A partnership is under study with the Municipal Council of Assisi and the Umbria Region for the preparation of a **welcome kit**, which will be made available to **all the accommodation facilities** in the city of Assisi and the province of Perugia.

The aim will be to provide information both on the sustainability project for the monumental complex and the action taken by the public administrations regarding sustainability issues.



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DISSEMINATION

Creation of the *Franciscanum Sustainability Point* (FSP) in Via Fortini,

The road that runs from the Sacred Convent to the Town Hall and is walked by the vast majority of the over seven million pilgrims who visit Assisi every year.

Under study:

- **Eco-layout of the interiors**
- **Educational and informative display material** (video, print etc.)
- **Project info point** with information and promotional objects linked to the project (36 months)
- **Trained staff deployed** to welcome visitors

Scheduled for the Franciscan Convent is the first application of the sustainability regulations provided for in the plan, to determine which elements can be replicated in situations similar to that of the Sacred Convent.



DISSEMINATION

Drafting and publishing of final report – case study

As soon as the supplementary information is available from the Sacred Convent on the specific issues of separate waste collection (number of containers installed for the rooms of the guests and the friars), energy (technical office) and water flows, an overall report will be drafted.

Drafting and publication of guidelines

Drafting of a list of project indications able to act as a guide for the environmental sustainability of situations comparable to the one analysed in the Sacred Convent.



PROJECT DOCUMENTATION SENT TO:

European Environment Agency

European Parliament

European Commission

United Nations Development

Programme

Under study is the presentation of the Regulations to: Pope Francis and Sergio Mattarella, President of the Republic of Italy



Sustainability project
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REWARDS



Sonia Cantoni of Cariplo award the prize

In 2018, **Fra Sole** won the **Prize of Excellence** at the **“Towards a circular economy”** Festival, promoted by Fondazione Cogeme and Kyoto Club.

“For the remarkable message of sustainability and environmental education, the innovativeness of intervention, the developed synergies between the involved actors (public-private partnership and memorandum of understanding with the Ministry for the Environment) for a sustainable development”

