

Green Roofs as a Green Business



Paula Kaipio (Savonia, Finland), Diana Rita (University Politehnica Timisoara Romania), Ewa Dzioch (Poznan University of Technology, Poland), Laure Piriou (IUT Bethune, France), Romina Echterhoff (Westfaelische Hochschule, Germany)

Supervision Dr. Kaija Arhio (Centria, Finland)

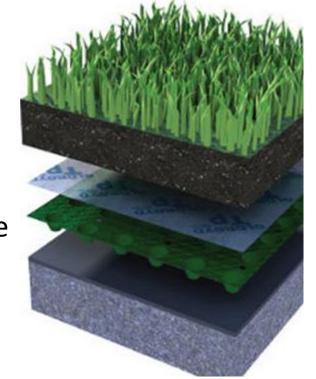
Pärnu

What we do?

Business idea, Vision, Main goals, Strategy

What are Green Roofs?

growing medium
root barriers
drainage layer
filter fleece
irrigation systems
waterproofing membrane



What?
Improved green roofs

Who?
Public organizations
Companies
In Madrid (Spain)

What?
Improved green roofs

How?
Robust plants
Opportunity to add solar panels

Vision

Make people aware of the importance of green roofs and the benefits they bring

Main goal

Extend our business in Madrid, covering 80% of the corporate's buildings

Business strategy

Partnerships with big corporates => 2 way advantages

What do we offer?

Product, Price, Financial calculation

Product

- High quality products and services
- Fast services
- •Flexible services, depending on the customer's needs

Price

- •39.51€/ m²for green roofs with waterproof membrane
- •24.51€/ m² for green roofs without waterproof membrane

finacial situation at the beginning

PESONNEL TREE

consultant
• Account
manager

Green business

Sustainable Business

- Environmentally responsible operations
- No negative impact on the global or local environment, community, society or economy
- Often progressive environmental and human rights policies

Criteria for Green Business

- It incorporates principles of sustainability
- 2. Commitment to environment principles
- 3. Environmental friendly products or services change
- . Greener than traditional competition

Corporate Sustainability Strategies

- 1. Innovation: Ability to change
- 2. **Collaboration**: Networks
- 3. **Process Improvement**: Surveying and improvement
- 4. Sustainability Reporting:
- Reporting of company performance

Indicators and Standards

-Carbon footprint, LCA, Reuse, reduce & Recycle
- Factors: Ozone depletion, climate

Loss of biodiversity...

→ ISO 14001, 14010



You need us!

Because

- ➤ We are the only green roof producers in your country.
- ➤ We help you increase your profits in an easy way.
- ➤ We are flexible, responding to our customer 's needs.
- > We can make your company a better place.
- ➤ We can " green" your image.



1230 Rue de l'Université 62400 Béthune

03 21 63 23 00

Visit us at www.green-roof.com

Marketing plan

- Specifically adapted to customers needs
- **Advertising** on the internet (Facebook, e-mail marketing) in magazines ("Eco Business "Price)
- Policy: Discounts for our regular customers
- discounts for leading customers
- **Public relations:** branch party ("ECO –MANIA"), charity activities
- Personnel & Management
 - good communication
 Customer and employee satisfaction
 assessment center to choose the best

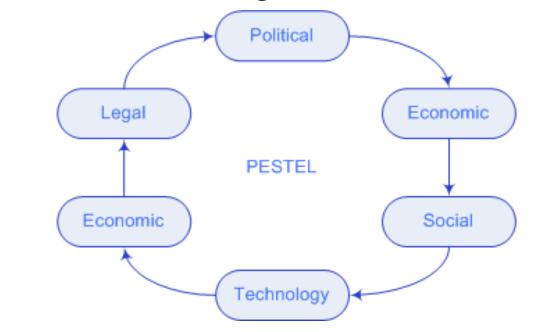
employees.



Why us? SWOT, Pestel, Competition, Marketing plan

Competition

- •WE have no internal competition
- •WE have an optimal price/quality raport
- •We offer extra services: 6 month guarantee, discounts, fast services



SWOT-Analysis

Strengths

Environmental benefits

- insulate buildings (temperature + sound)
- •lower urban temperatures
- •increase agriculture space
- •filter heavy metals out of rainwater
- •filter pollutants and CO₂ out of air, produce oxygen
- Financial benefitsreduction of energy use
- •less costs caused by corrosion

Social benefits

- •less asthma
- reduction of stress, well-beingLabelling
- •green image

- ❖Weaknesses
- •assure that the building is strong enough to hold the weight (static)
- big investments at first
- Opportunities
- •choose the right plants for the existing climate
- choose robust plants (soap and salt is not toxic for them)
 use filter fleece, drainage layer, root barriers, water
 proofing membrane and irrigation systems
- Threats
- change of climateeconomic change
- competition



