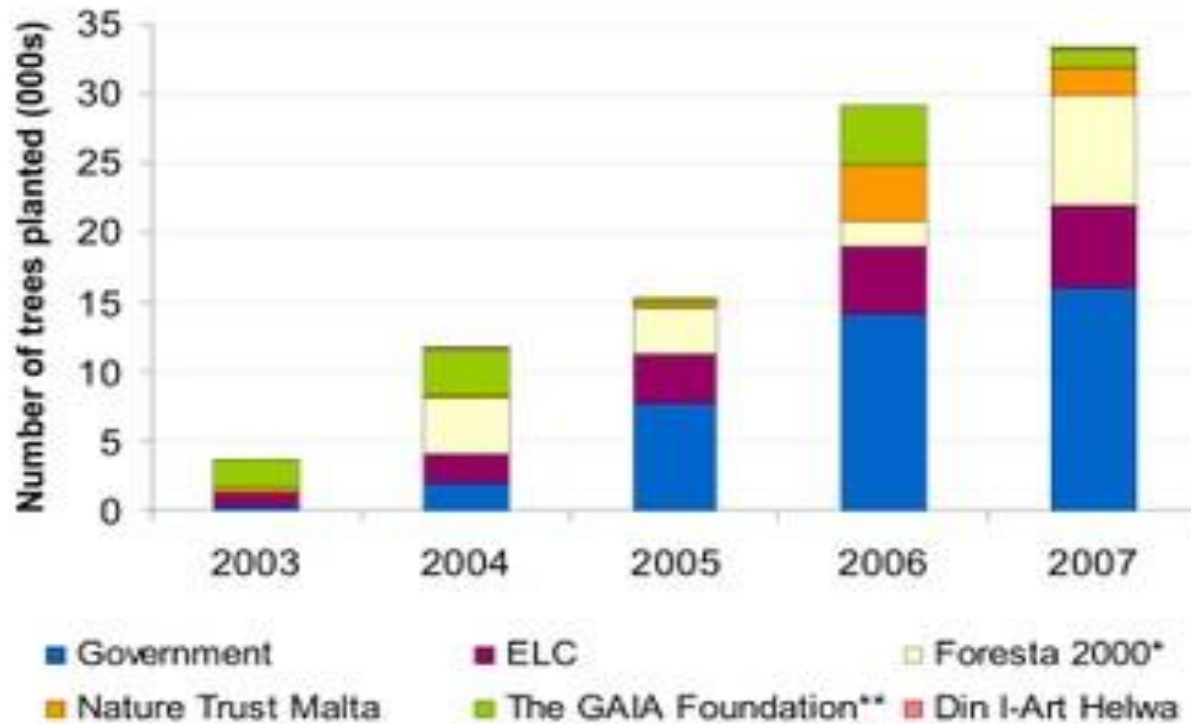




# The LEAF programme



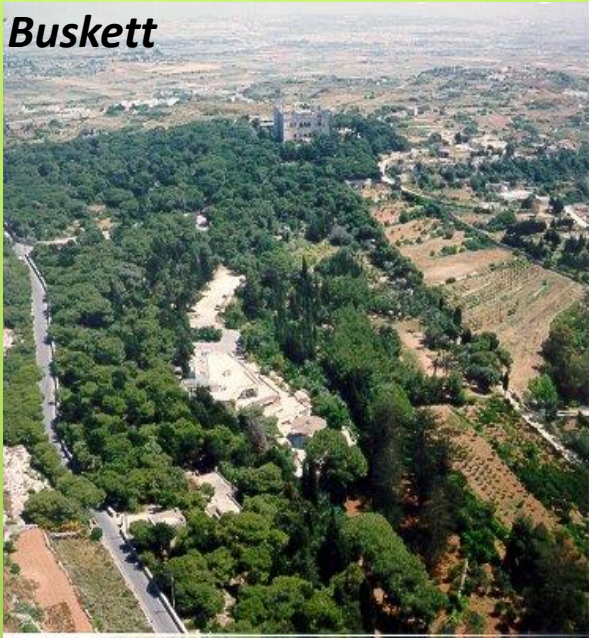
# Forest land cover



\*Foresta 2000 is a joint Birdlife Malta, Din I-Art Helwa and the PARC Department (MRAE) venture

\*\* 2007 figures exclude 300 trees that were planted for the Foresta 2000 project

**Buskett**



## Our Woodlands

- Aleppo Pine and Holm Oak trees used to be the most dominant tree species.

- 4 pockets of old forest remnants of 20-25 Holm oak copses thought to be 500-900 years old.

- Other areas of semi-natural but self-regenerating wooded areas.

- **Foresta 2000** will in time become Malta's largest tract of Mediterranean woodland.



**Wardija**

**Imġiebaħ**



**Wied #azrun**



# Why are trees so important?

## National Tree Benefit Calculator Beta

Calculate a New Tree



Overall Benefit

**Stormwater**

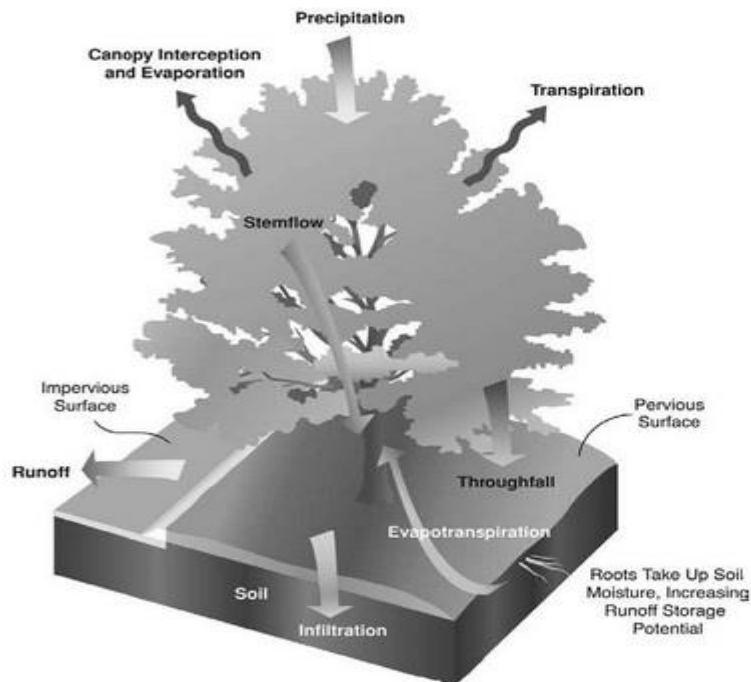
Property Value

Energy

Air Quality

CO2

About



**Your 20 inch Ash will intercept 2,301 gallons of stormwater runoff this year.**

Urban stormwater runoff (or "non-point source pollution") washes chemicals (oil, gasoline, salts, etc.) and litter from surfaces such as roadways and parking lots into streams, wetlands, rivers and oceans. The more impervious the surface (e.g., concrete, asphalt, rooftops), the more quickly pollutants are washed into our community waterways. Drinking water, aquatic life and the health of our entire ecosystem can be adversely effected by this process.

# *Vision and Mission*



## **Vision ( What?)**

To see an increased level of awareness about the key role forests play for sustainable life on our planet.

## **Mission (How?)**

To spread environmental education concerning forests and all their values among school children all around the world, through an **action-oriented** approach.

# ***LEAF Malta***

## 4 Key aspects

- Safeguarding and appreciating what we have
- Instilling love for trees
- Making responsible choices
- Planting more trees

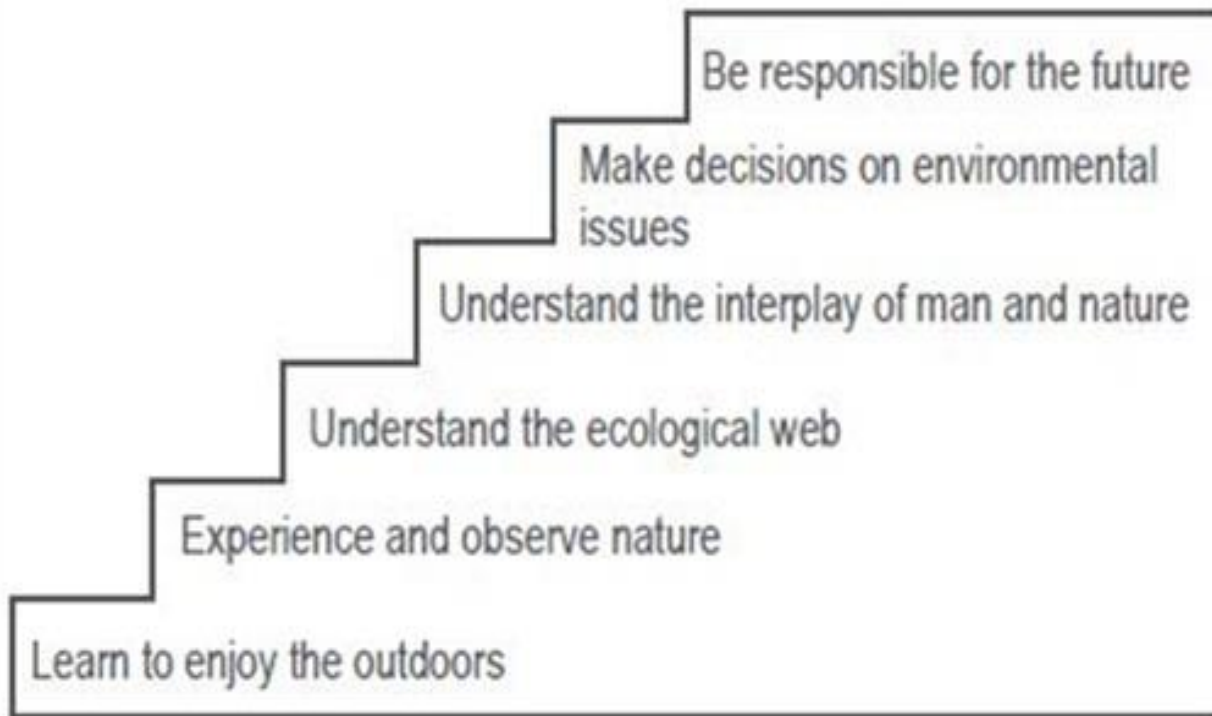


# *Your LEAF project*

- Appoint a forest team.
- Choose an area of concern.
- Devise an action plan.
- Plan lessons based on a cross – curricular theme.
- Include field trips to forests, in a park or similar areas.
- Update your forest noticeboard regularly and try to involve the whole school community.
- Compile a report.



# *The 6 pedagogical steps*





# Curriculum link

## Action Plan

Pedagogical step	Activity	Perspective	Subject	Indoor /Outdoors	Hours per activity	Time of year
Understanding the ecological web	Insect life cycle	Environmental	Science	Outdoors	0.5hr	May
Understanding the interplay between man and nature	Static Electricity	Sociological	Physics	Indoors	1.5hr	March

# LEAF Award



- Open only to registered schools.
- Once a school has successfully completed all phases of the action plan the school applies for the award.
- If a school meets all the set criteria it will be awarded a prestigious FSC/ PEFC certified wooden plaque.
- Each leaf will symbolize a schools commitment to the life learning ethos of the LEAF programme.

# *School Projects*



Protecting our native forests



Landscaping of school grounds



The mini greenhouse



Our School Garden

# Project ideas

- Monitoring ecologically sensitive sites such as old forest remnants.
- Studies on indigenous trees to determine carbon dioxide uptake.
- Assisting local councils in the upkeep of green areas within the locality.
- Pressure on authorities/ project managers to make use of indigenous species for landscaping in new schools which are currently being built.
- The impact of different plant varieties imported by Garden centres on local flora/ fauna.



# Project ideas



- Putting pressure on local publishing houses to print on pre/post consumer material.
- Upcycling discarded pallets or unused furniture.
- Investigative studies about the source of imported timber.
- Creating seed banks.
- Making a greenhouse.
- Organising tree planting events.

# *Support*

- Support visits by ES teachers
- PARKs/ Hands on Farming
- Argotti Gardens
- Global forest fund
- ENO



# *Opportunities*

- International recognition
- ESD in the NCF
- Holistic education
- Outdoor learning
- Embellishment of school grounds
- LEAF listed as an extra-curricular subject in school leaving certificate/
- Student exchanges



## *Contact details*

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**LEAF Learning about Forests Malta**







Thank You!