

# OXO



РЕПУБЛИКА МАКЕДОНИЈА  
МИНИСТЕРСТВО ЗА ОБРАЗОВАНИЕ И НАУКА



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Eco-Schools

## Eco-schools Network Republic of Macedonia

**-IMPLEMENTATION, BENEFITS & SUSTAINABILITY -**  
**Belgrade, December 2013**

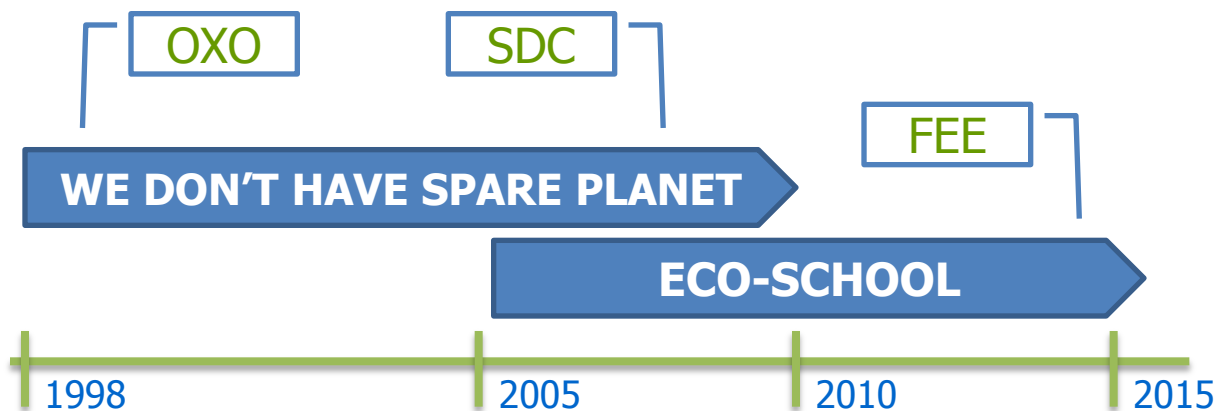


**FEE**



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Kindergartens  
Primary Schools  
Secondary schools  
& Dormitories

**Integration of environmental education in the Macedonian educational system**

Implementer      Memorandum for cooperation

**OXO**      **MoES**      **SDC**



# National Educational Program:

## INTEGRATION OF ENVIRONMENTAL EDUCATION IN THE MACEDONIAN EDUCATIONAL SYSTEM

### Conclusions of the Government:

- ✓ integration of environmental education in the curriculum
- ✓ capacity building
- ✓ involvement of the wider public
- ✓ networking

### FEE international:

- ✓ eco-school network
- ✓ international activities

### Memorandum for cooperation between MoES, SDC and OXO:

- ✓ production of didactical materials
- ✓ capacity building
- ✓ eco-standards
- ✓ eco-school program
- ✓ small grants program
- ✓ eco- activities and projects
- ✓ media coverage 5+ TV show



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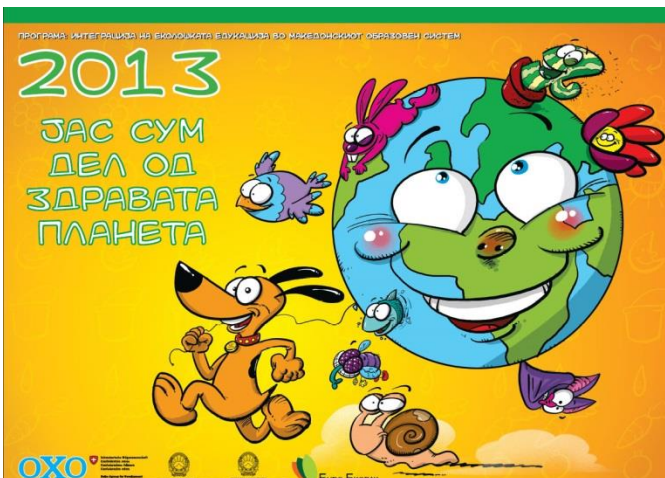
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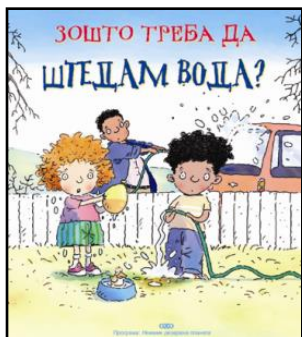
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## Eco-calendars...



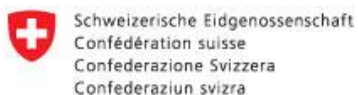
# Didactical materials:

Kindergartens



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# Didactical materials:

Primary schools



# Didactical materials:

Secondary schools

ИНТЕГРАЦИЈА НА ЕКОЛОШКАТА ЕДУКАЦИЈА  
ВО МАКЕДОНСКИОТ ОБРАЗОВЕН СИСТЕМ



ПРИРАЧНИК ЗА КОРИСТЕЊЕ НА АПЛИКАЦИЈАТА  
КАЛКУЛАТОР ЗА ПЛАНИРАНА ПОТРОШУВАЧКА  
НА ЕЛЕКТРИЧНА ЕНЕРГИЈА

OXO

ИНТЕГРАЦИЈА НА ЕКОЛОШКАТА ЕДУКАЦИЈА ВО  
МАКЕДОНСКИОТ ОБРАЗОВЕН СИСТЕМ



Прирачник за средни училишта



# Capacity building:

358 primary schools

100 secondary schools

52 kindergartens

510 principles  
510 staff  
510 teachers

1530







# Eco- standards:

- STANDARDS FOR SUSTANIABLE DVELOPMENT -



Saving energy



Saving water



Orderly and environmentally friendly yard



Maintaining of the building and a healthy environment



# Eco- school Program:


## - 7 STEPS ECO- MANAGEMENT -

- ✓ Step 1: Eco-Schools Committee
- ✓ Step 2: Environmental Review
- ✓ Step 3: Action Plan
- ✓ Step 4: Monitoring and Evaluation
- ✓ Step 5: Curriculum Work
- ✓ Step 6: Informing and Involving
- ✓ Step 7: Eco-Code



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# Eco- school Program:



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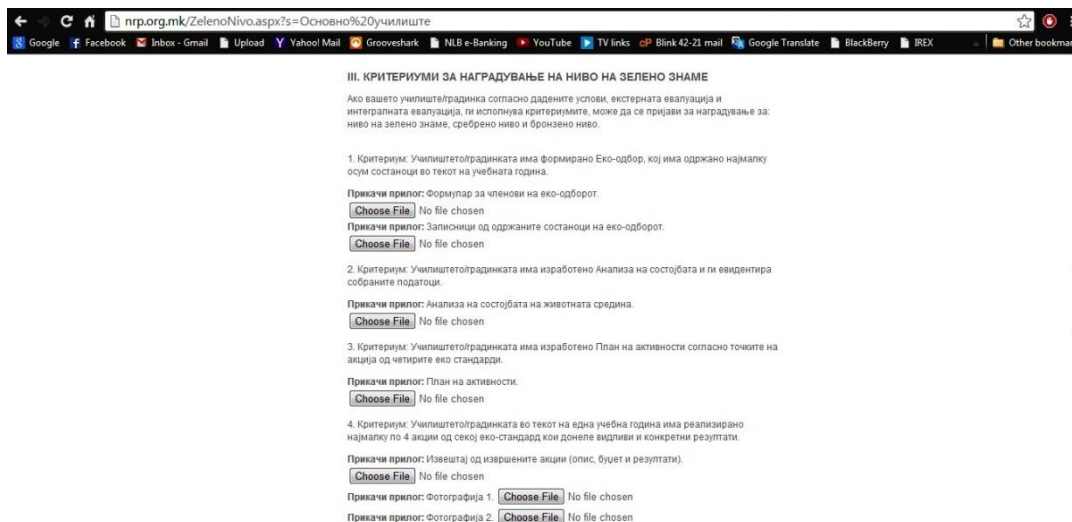
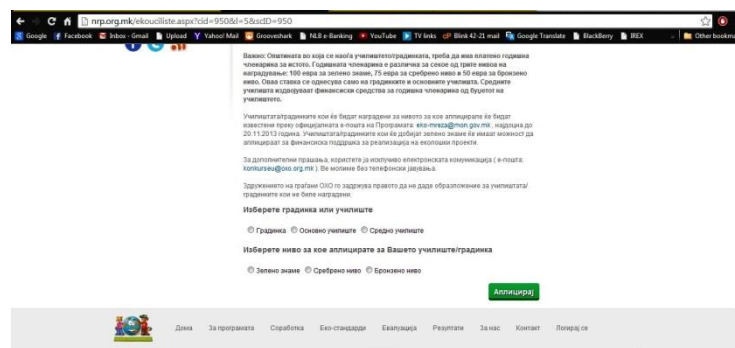
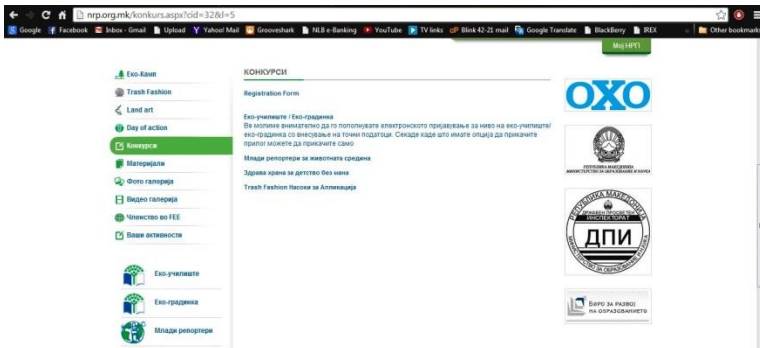
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# E- application:



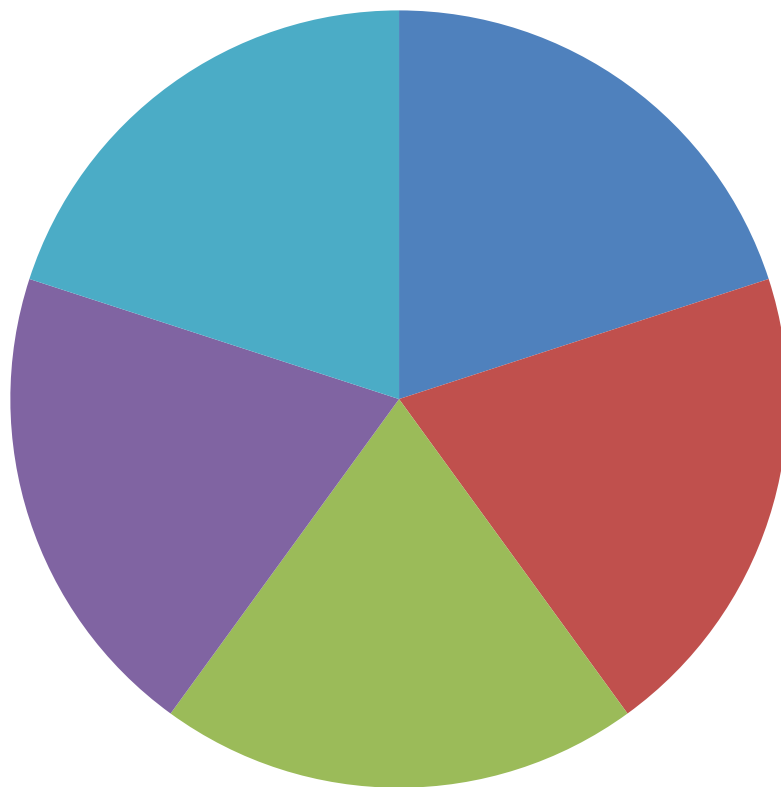
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# Small Grants Program:

- ECO-SCHOOL PROJECTS -




- Innovation
- Sustainability
- Local problems
- 7 steps
- Co-financing



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# Small Grants Program:

- ECO-SCHOOL PROJECTS -





# School eco-activities:

- National Tree Day
- National action "Let's do it Macedonia"
- Photo competition- green grow and development
- Land Art competition
- World Days of Action
- Young Reporters for Environment
- Litter less
- Eco-camp
- Trash Fashion Macedonia
- Study visits
- Volvo Adventure competition
- Etwinning/Eco-school



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# Web platform:

WWW.NRP.ORG.MK

CREATE  
PROFILE

Browser address: nrp.org.mk/Register.aspx?cid=1273&l=5

Navigation: [За нас](#) | [Контакт](#) | [Логирај се](#) | [Македонски](#)

Menu: [Дома](#) | [За програмата](#) | [Соработка](#) | [Еко-стандарди](#) | [Евалуација](#) | [Резултати](#)

Event: **Trash Fashion Macedonia 2013**  
 Задолство ни е да ве информираме дека на 05 Јуни 2013год. (среда) во Младинскиот Културен Центар- Скопје, со почеток во 17.00 часо по трет пат ќе се одржи Trash Fashion Macedonia

Button: [ПРОЧИТАЈ ПОВЕЌЕ](#)

Registration Form:  
 Корисничко име:  Лозинка:   
 Запомни ме |  Заборавена лозинка  
[Најави се](#) [Регистрирај се](#)  
 Мој НРП



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# Web platform:

WWW.NRP.ORG.MK

LOG IN

Корисничко име Лозинка

Запомни ме | Заборавена лозинка

Најави се Регистрирај се

Мој НРП

РЕГИСТРИРАЈ СЕ

Училиште / Градинка  
Изберете тип на профил  
Личен профил  
Училиште / Градинка  
Општина

Училиште / Градинка

Село / Наслеба

Општина

е-пошта

Повтори е-пошта

Лозинка \* Повтори лозинка \*

OXO

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РЕПУБЛИКА МАКЕДОНИЈА  
ОБРАЗОВАНИЕ И НАУКА  
ДПИ  
МИНИСТЕРСТВО ЗА ОБРАЗОВАНИЕ И НАУКА

БИРО ЗА РАЗВОЈ  
НА ОБРАЗОВАНИЕТО

- Еко-Камп
- Trash Fashion
- Land art
- Day of action
- Конкурси
- Материјали
- Фото галерија
- Видео галерија
- Членство во FEE
- Ваши активности

Еко-училиште

Еко-градинка



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# Web platform:

WWW.NRP.ORG.MK

SHEAR

The screenshot shows a web browser window with the URL [nrp.org.mk/posts.aspx?cid=1300&l=5](http://nrp.org.mk/posts.aspx?cid=1300&l=5). The page content includes:

- Left sidebar:** A menu with categories like 'Eko-Kaun', 'Trash Fashion', 'Land art', 'Day of action', 'Конкурси', 'Материјали', 'Фото галерија', 'Видео галерија', 'Членство во FEE', and 'Ваши активности'. Below this is a secondary menu with 'Eko-училиште', 'Eko-градинка', 'Млади репортери', and 'Учење за шумите'.
- Main content area:**
  - ВАШИ АКТИВНОСТИ**
    - ЕКОЛОШКА АКЦИЈА**

Во нашето училиште организиравме еколошка акција во рамките на програмата „Интеграција на еколошката едукација во македонскиот образовен систем“ со поддршка ...

*објавено од ОЕМУЦ Св. Наум Охридски Охрид*
    - АЈДЕ ММАКЕДОЊА - МАКЕДОНИЈА БЕЗ ОДПАД**

ООУ „Св. Климент Охридски“ – Македонски Брод ИЗВЕШТАЈ од одржана акција „Ајде Македонија - Македонија без отпад“ На ден 05.10.2013 година (сабота), одржана ...

*објавено од ООУ „Св. Климент Охридски“ Македонски Брод*
    - УЧИМЕ ЗДРАВНО ДА ЖИВЕЕМЕ**

Во рамките на кампањата УЧИМЕ ЗДРАВНО ДА ЖИВЕЕМЕ, 40 ученици и наставниците Снежана Балова, Светла Јамандиева и Павле Циљаков од ...

*објавено од ООУ Стојан Бурчевски Буридан Иванковиќ*
  - Bottom:** 2 ОКТОМВРИ- ДЕН НА АКЦИЈА НА ЕКО-УЧИЛИШТАТА
- Right sidebar:** Logos for OXO, the Ministry of Education and Science, the State Inspectorate for Education (ДПИ), and the Bureau for Development of Education.




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# TV-show 5+:



- PROJECT FOR RASING CHILDREN AND PARENTS-



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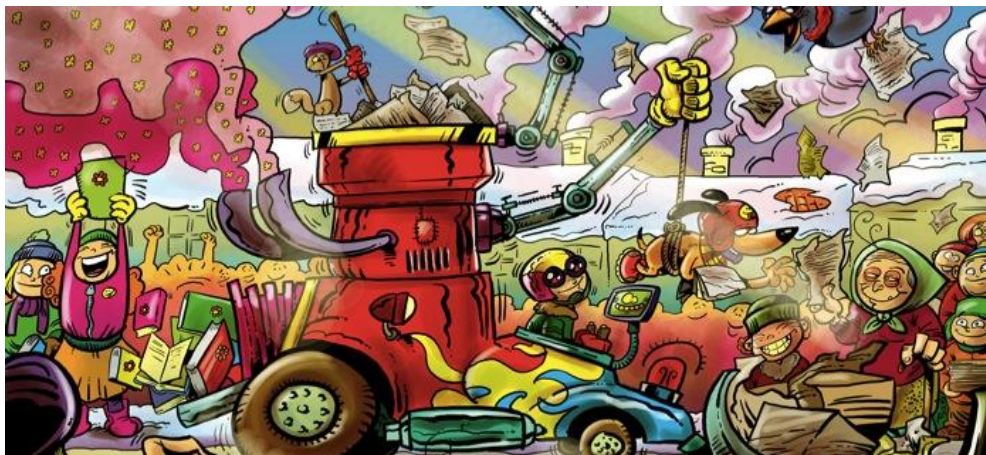


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# Campaigns:

- INVOLVING THE WIDER PUBLIC -



“Paper is piled up to be recycled”

“Cycling Petko”



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# Campaigns:

- INVOLVING THE WIDER PUBLIC-



“Why I should save water”

“Energy is worth, so save it”



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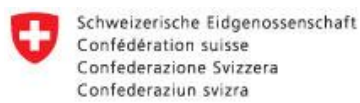
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# Campaigns:

- INVOLVING THE WIDER PUBLIC-

“Healthy food for your childhood to be good”





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- Patronage of Ms. Maja Ivanova, wife of the President of Republic of Macedonia





# Sustainability:

## - INSTITUTIONAL COOPERATION -

- ✓ The Program is part integrated in the **Annual working plans** of the educational institutions.
- ✓ The Program is evaluated through the **national integral evaluation** of the **State Educational Inspectorate (SEI)**.
- ✓ The schools are equipped with necessary educational materials as **didactical materials**.
- ✓ The **private schools and the dormitories are also involved** in the Program.
- ✓ **Capacity building** of the staff in the educational institutions.
- ✓ **Four eco-standards** or standards for sustainable development are implemented;
- ✓ The educational institutions are implementing (on a different level and quality) the **7-step eco-management** (eco-school program).





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# Sustainability:

## - INSTITUTIONAL COOPERATION -

- ✓ The relevant authorities (institutions) as **MoES, MLSP, BDE, SEI and Municipalities are involved** in the project on different levels.
- ✓ The **awarding system of the schools** is established.
- ✓ The educational institutions are implementing **eco-friendly projects**.
- ✓ The **Macedonian eco-school network** is established.
- ✓ The best Macedonian eco-schools are involved in the **international eco-school network**.
- ✓ The Program promote its results through all types of **media** in the country;
- ✓ **Public awareness campaigns** are conducted.
- ✓ OXO keeps the membership on International level at **FEE** as national operator for the programs.





# Results:

## - EVALUATION OF THE PROGRAM REALIZATION-

With the realization of the action points from the **eco-standard-Saving energy:**

- ✓ **65.64%** from the educational institutions have at least 5% energy saving;
- ✓ 25.15% have 6 to 10% energy saving;
- ✓ 4.24% have 11 to 20% energy saving,
- ✓ 3.07% have 21 to 20% energy saving and
- ✓ 1.84% have more than 31% energy saving per year.





# Results:

## - EVALUATION OF THE PROGRAM REALIZATION-

With the realization of the action points from the **eco-standard- Saving water**:

- ✓ **68.99%** from the educational institutions have at least 5% water saving;
- ✓ 15.19% have 6 to 10% water saving,
- ✓ 10.13% have 11 to 20% water saving,
- ✓ 3.16% have 21 to 30% water saving and
- ✓ 2.53% have more than 31% water saving per year.



# Results:

## - EVALUATION OF THE PROGRAM REALIZATION-

With the realization of the action points from the **eco-standard-Maintenance of the school building and healthy environment inside:**

- ✓ 25.87% of the educational institutions have rid of the unnecessary items in their building;
- ✓ 20.35% have halls with flowers;
- ✓ 17.30% have places for waste selection in their building;
- ✓ 14.39% of the institutions use different towels for cleaning;
- ✓ 13.81% use non toxic cleaning products and
- ✓ 8.28% use eco-friendly colors for painting the building.





# Results:

## - EVALUATION OF THE PROGRAM REALIZATION-

With the realization of the action points from the **eco-standard- Neat and environmental friendly yard:**

- ✓ 21.63% from the educational institutions have yards without nonfunctional objects;
- ✓ 20.40% plant local flowers in their yards;
- ✓ 11.99% have benches for sitting and recreation in their yards;
- ✓ 11.74% have places in their yards for organic waste, paper and plastic collection;
- ✓ 5.07% have irrigation plan for their yard that led to reduction of the water consumption and
- ✓ 4.94% have marked places for play, rest, waste etc. in their yards.





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[www.mon.gov.mk](http://www.mon.gov.mk)



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5+ Trcaj Petko ЈУНІ, ЈУНІ, ЈЕЕЕЕЕЕЕЈ

Youtube channel: Петко Брзотрчковски