



Education and Culture

Socrates
Comenius

SOCRATES

Comenius 1 - School partnerships

JOINT APPLICATION FORM

for the **RENEWAL** of

School Projects

School Development Projects

Selection 2006

Basic data :

Name of applicant institution :	9 th Primary School of Rethymno
2005/06 contract number :	05-GRC01-S2C01-00170-1
The applicant institution is :	<input checked="" type="checkbox"/> the project coordinator <input type="checkbox"/> a project partner
This application concerns the : of a :	<input checked="" type="checkbox"/> second year renewal <input type="checkbox"/> third year renewal
	<input checked="" type="checkbox"/> School Project <input type="checkbox"/> School Development Project

Reserved for the National Agency

Application deadline

Registration number

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GENERAL INFORMATION

- Before completing this form, please read the relevant sections in the *SOCRATES, Guidelines for Applicants* and the appropriate annual Call for Proposals, which contain additional information on closing dates, National Agency addresses to which the application must be sent, and specific priorities for that year. Further information can also be found on the SOCRATES website:

<http://europa.eu.int/comm/education/socrates.html>

- The form may be typewritten, printed from a computer (word-processor) or hand-written in block capitals.
- In accordance with standard Commission practice, the information provided in your application form may be used for the purposes of evaluating the SOCRATES programme. The relevant data protection regulations will be respected.

ELIGIBILITY CHECK-LIST

- The partnership consists of institutions located in at least three of the countries participating in the SOCRATES programme. (For eligible countries : see section 3.1 of the *Guidelines for Applicants*).
- At least one participating institution will be a Member State of the European Union at the starting date of the renewed project activity.
- Each participating institution has checked with the National Agency in its country that it is eligible to participate in Comenius 1.
- The application is being submitted according to the application procedures set out in the *Guidelines for Applicants* and the closing dates set out in the Call for Proposals/set by the National Agency concerned*.
- The basic data on the front page of this application form have been completed **individually** by each participating institution on the copy that is sent to their own National Agency.
- Sections A, B and C of this application form have been completed **jointly** by the whole project partnership and all project partners have received a copy thereof.
- The coordinator should check that Section D has been completed **individually** by each participating institution and have been **signed** and stamped by the person legally authorised to sign on behalf of the institution concerned.
- All participating institutions submit each to their respective National Agency* : 1) a copy of the joint sections A, B and C, as well as 2) their individual section D.
- The application form has been completed in full using one of the official languages of the EU, or in the case of the EFTA/EEA and candidate countries, in the national language of the country concerned.
- The joint sections A and C of the application form will have been completed in the **main communication language** used by the partnership. Each participating institution is responsible for checking with its own National Agency whether a translation of these sections A and C in the national language is required, and if so, for adding the translation to its grant application.

RETURN ADDRESS

Please return this application form to your National Agency. You can find the addresses of the National Agencies in the annual Call for Proposals or by consulting the central SOCRATES website.*

* *In some countries the application form must be submitted via the relevant school authorities. Therefore, please check with your National Agency in advance to whom you have to submit the application.*

Acknowledgement of Receipt

This page will be returned to you when we have received and registered your application form. For this purpose, please complete the section below:

Application for:	Comenius 1 School Partnership
Project title:	Solar Energy Awareness & Action (SEAA)
Name of applicant institution:	9 th Primary School of Rethymno
Family and first name of contact person:	Tsagliotis Nektarios
Institution street name and number:	Machis Kritis 33
Post code and town/city:	GR-74100 Rethymno, Crete
Country:	GREECE

Reserved for the National Agency

We acknowledge receipt of your project application:

Please use this number in all communication with your National Agency.

Place:

Date:

Signature:

Stamp of the National Agency:

A. PROJECT

Project title <i>(Please use the title you used last year):</i>	Solar Energy Awareness & Action (SEAA)		
Project topic(s) <i>(Please tick only the main thematic area(s), max 2 or 3, of your project or complete it under "other" if it is missing from the list):</i>	Cultural heritage <input type="checkbox"/> History/traditions <input type="checkbox"/> Tourism <input type="checkbox"/> Theatre, music, dance <input type="checkbox"/> Literature <input type="checkbox"/> Foreign languages <input type="checkbox"/> Crafts/professions <input type="checkbox"/> Media/communication <input type="checkbox"/> Health <input type="checkbox"/> Consumer education <input type="checkbox"/> Environment/ecology <input checked="" type="checkbox"/> Other <input type="checkbox"/> Please specify:	Social integration/exclusion <input type="checkbox"/> European citizenship/ democracy/ regional identity <input type="checkbox"/> Science/technology <input checked="" type="checkbox"/> Information and communication technologies <input type="checkbox"/> Industry/economy/world of work <input type="checkbox"/> Violence at school <input type="checkbox"/> Interculturalism/ethnic minorities <input type="checkbox"/>	Comparing educational systems <input type="checkbox"/> School management <input type="checkbox"/> Raising pupil achievements <input checked="" type="checkbox"/> School cooperation with the local community <input type="checkbox"/> Pedagogical methods <input type="checkbox"/> Disabilities/special needs <input type="checkbox"/> Equal opportunities for men/women <input type="checkbox"/> Quality of education <input type="checkbox"/>

B. PROJECT PARTNERSHIP

Please note that section B of the application form must be completed jointly by all institutions participating in this project.

You need to provide full information only in the case of new participants to the project. As to the other participants, please always fill in table 1, and, in case changes have occurred, also tables 2, 3 and 4

B. 1 COORDINATING INSTITUTION

1. Name, address and contract reference of the institution (if the application is successful, all correspondence and the grant contract will be sent to this address)

Full legal name of institution in the national language:	9 ^ο Δημοτικό Σχολείο Ρεθύμνου 9 th Primary School of Rethymno	
Street name and number:	Machis Kritis 33	
Post code and town/city:	GR-74100, Rethymno	City <input checked="" type="checkbox"/> Suburb <input type="checkbox"/> Rural area <input type="checkbox"/>
Region:	Crete	
Country:	GREECE	
Telephone and fax number <i>(include area and country code):</i>	Telephone: +3028310 24378	Fax: +3028310 24378
E-mail:	mail@9dim-rethymn.reth.sch.gr	
Website:	http://9dim-rethymn.reth.sch.gr/	
Contract reference n° <i>(school year 2005/06):</i>	05-GRC01-S2C01-00170-1	

2. Type of institution

Institution level (i.e. level involved in this project):	<input type="checkbox"/> Pre-primary school <input checked="" type="checkbox"/> Primary school <input type="checkbox"/> Secondary school <input type="checkbox"/> general <input type="checkbox"/> vocational <input type="checkbox"/> technical <input type="checkbox"/> Establishment for/with learners with special educational needs <input type="checkbox"/> Other, namely:		
Type of institution:	<input type="checkbox"/> General <input type="checkbox"/> Vocational or technical <input type="checkbox"/> Establishment for/with learners with special educational needs <input type="checkbox"/> Other, namely:		
Number of staff:	Total: 20	Female: 11	Male: 9
Number of pupils:	Total: 263	Female: 126	Male: 137

3. Head of institution (The person who legally binds his/her institution and will sign the contract if the application is successful)

Family and first name:	Kourkoulos Stratis	Mr <input checked="" type="checkbox"/> Ms <input type="checkbox"/>
Official title:	Headteacher	

4. Name and private address of contact person (this person will be informed of the result of the selection and may be contacted, if needed, at his/her private address during school holiday periods)

Family and first name:	Tsagliotis Nektarios	Mr <input checked="" type="checkbox"/> Ms <input type="checkbox"/>
Present position:	Class Teacher & Science Laboratory Responsible Teacher	
Street name and number:	Machis Potamon 9	
Post code and town/city:	GR-74100, Rethymno	
Region:	Crete	
Country:	GREECE	
Telephone and fax number (include area and country code):	Telephone: +3028310 51224 / +3028340 94282	Fax: N/A
E-mail:	ntsag@edc.uoc.gr	

5. Teachers and pupils of your school participating in the project

Number of teachers participating in the project:	Total: 10	Female: 5	Male: 5
Number of pupils participating in the project:	Total: 150	Female: 78	Male: 72
Age of pupils participating in the project :	Youngest: 9	Oldest: 12	
If secondary pupils are involved, please specify which type of class is most concerned:	<input type="checkbox"/> general <input type="checkbox"/> vocational <input type="checkbox"/> technical		

6. Previous participation in EU programmes

Has your institution participated in the SOCRATES programme or any other activity supported by the European Union in the course of the past five years (e.g. LEONARDO DA VINCI, YOUTH FOR EUROPE, etc.)?			<input type="checkbox"/> YES (please fill in the table below) <input checked="" type="checkbox"/> NO
Year	European Union programme	Project reference number	Title

B.2 PARTNER INSTITUTIONS**Partner institution N°1**

1. Name, address and contract reference of the institution (if the application is successful, all correspondence and the grant contract will be sent to this address)

Full legal name of institution in the national language:	Escola André Soares		
Street name and number:	Rua André Soares		
Post code and town/city:	4710 – 221 Braga	City <input checked="" type="checkbox"/>	Suburb <input type="checkbox"/> Rural area <input type="checkbox"/>
Region:	Norte		
Country:	PORTUGAL		
Telephone and fax number (include area and country code):	Telephone: + 0351 253 263 125	Fax: + 0351 253 615 094	
E-mail:	ce@eb23-andre-soares.rcts.pt		
Website:	www.eb23-andre-soares.rcts.pt		
Contract reference n° (school year 2005/06):	05-PRT01-S2C01-00171-1		

2. Type of institution

Institution level (i.e. level involved in this project):	<input type="checkbox"/> Pre-primary school <input checked="" type="checkbox"/> Primary school <input type="checkbox"/> Secondary school <input type="checkbox"/> Other, namely:		
Type of institution:	<input type="checkbox"/> General <input type="checkbox"/> Vocational or technical <input type="checkbox"/> Establishment for/with learners with special educational needs <input type="checkbox"/> Other, namely:		
Number of staff:	Total: 160	Female: 128	Male: 32
Number of pupils:	Total: 1300	Female: 680	Male: 620

3. Head of institution (The person who legally binds his/her institution and will sign the contract if the application is successful)

Family and first name:	Maria da Graça Martins Pereira de Moura	Mr <input type="checkbox"/> Ms <input checked="" type="checkbox"/>
Official title:	Presidente do Conselho Executivo	

4. Name and private address of contact person (this person will be informed of the result of the selection and may be contacted, if needed, at his/her private address during school holiday periods)

Family and first name:	Maria da Graça Martins Pereira de Moura	Mr <input type="checkbox"/> Ms <input checked="" type="checkbox"/>
Present position:	Presidente do Conselho Executivo	
Street name and number:	Rua André Soares	
Post code and town/city:	4710 – 221 Braga	
Region:	Norte	
Country:	PORTUGAL	
Telephone and fax number (include area and country code):	Telephone: + 0351 253 263 125 / + 0351 96 5078 758	Fax: +0351 615094
E-mail:	ce@eb23-andre-soares.rcts.pt	

5. Teachers and pupils of your school participating in the project

Number of teachers participating in the project:	Total: 7	Female: 6	Male: 1
Number of pupils participating in the project:	Total: 112	Female: 58	Male: 54
Age of pupils participating in the project :	Youngest: 12	Oldest: 15	
If secondary pupils are involved, please specify which type of class is most concerned:	<input type="checkbox"/> general <input type="checkbox"/> vocational <input type="checkbox"/> technical		

6. Previous participation in EU programmes

Has your institution participated in the SOCRATES programme or any other activity supported by the European Union in the course of the past five years (e.g. LEONARDO DA VINCI, YOUTH FOR EUROPE, etc.)?	<input type="checkbox"/> YES (please fill in the table below) <input checked="" type="checkbox"/> NO
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Year	European Union programme	Project reference number	Title

Partner institution N° 2

1. **Name, address and contract reference of the institution** (if the application is successful, all correspondence and the grant contract will be sent to this address)

Full legal name of institution in the national language:	Stella Maris College – Junior School		
Street name and number:	St. Albert Street		
Post code and town/city:	Gzira – GZR 05	City <input checked="" type="checkbox"/>	Suburb <input type="checkbox"/> Rural area <input type="checkbox"/>
Region:	MALTA		
Country:	Telephone: +356 21330958	Fax: +356 21346985	
Telephone and fax number (include area and country code):	jssmcm@yahoo.com		
E-mail:	MALTA		
Website:			
Contract reference n° (school year 2005/06):	110157-CP-1-2003-1PT-COMENIUS-C3		

2. Type of institution

Institution level (i.e. level involved in this project):	<input type="checkbox"/> Pre-primary school <input checked="" type="checkbox"/> Primary school <input type="checkbox"/> Secondary school <input type="checkbox"/> Other, namely:		
Type of institution:	<input type="checkbox"/> General <input type="checkbox"/> Vocational or technical <input type="checkbox"/> Establishment for/with learners with special educational needs <input type="checkbox"/> Other, namely:		
Number of staff:	Total: 54	Female: 46	Male: 8
Number of pupils:	Total: 516	Female: 0	Male: 516

3. **Head of institution** (The person who legally binds his/her institution and will sign the contract if the application is successful)

Family and first name:	Miriam Zammit	Mr <input type="checkbox"/> Ms <input checked="" type="checkbox"/>
Official title:	Head – Junior School	

4. **Name and private address of contact person** (this person will be informed of the result of the selection and may be contacted, if needed, at his/her private address during school holiday periods)

Family and first name:	Ivan Mifsud Bons	Mr <input checked="" type="checkbox"/> Ms <input type="checkbox"/>
Present position:	Science Teacher	
Street name and number:	26 Triq San Publiju	
Post code and town/city:	Rabat RBT 06	
Region:		
Country:	MALTA	
Telephone and fax number (include area and country code):	Telephone: +356 99225572	Fax: +356 21346985
E-mail:	ivanbons@hotmail.com cc. jssmcm@yahoo.com	

5. Teachers and pupils of your school participating in the project

Number of teachers participating in the project:	Total: 10	Female: 5	Male: 5
Number of pupils participating in the project:	Total: 90	Female: 0	Male: 90
Age of pupils participating in the project :	Youngest: 9	Oldest: 10	
If secondary pupils are involved, please specify which type of class is most concerned:	<input type="checkbox"/> general <input type="checkbox"/> vocational <input type="checkbox"/> technical		

6. Previous participation in EU programmes

Has your institution participated in the SOCRATES programme or any other activity supported by the European Union in the course of the past five years (e.g. LEONARDO DA VINCI, YOUTH FOR EUROPE, etc.)?			<input checked="" type="checkbox"/> YES (please fill in the table below) <input type="checkbox"/> NO
Year	European Union programme	Project reference number	Title
2002 - 04	Comenius 1	02-MLT01-S2CO1-000010-2	Health and Well-being: Nutrition

Partner institution N° 3

1. Name, address and contract reference of the institution (if the application is successful, all correspondence and the grant contract will be sent to this address)

Full legal name of institution in the national language:	Colexio de Educación Infantil e Primaria FROEBEL			
Street name and number:	C/ G. MARTITEGUI, nº 3			
Post code and town/city:	36002 PONTEVEDRA	City <input checked="" type="checkbox"/>	Suburb <input type="checkbox"/>	Rural area <input type="checkbox"/>
Region:	GALICIA			
Country:	ESPAÑA			
Telephone and fax number (include area and country code):	Telephone: 00 34 986 866147	Fax: 00 34 986 840671		
E-mail:	Ceip.froebel@edu.xunta.es			
Website:	http://centros.edu.xunta.es/ceipfroebel			
Contract reference n° (school year 2005/06):	05-ESP01-S2C01-01327-1			

2. Type of institution

Institution level(i.e. level involved in this project) :	<input type="checkbox"/> Pre-primary school <input checked="" type="checkbox"/> Primary school <input type="checkbox"/> Secondary school <input type="checkbox"/> Other, namely:		
Type of institution:	<input type="checkbox"/> General <input type="checkbox"/> Vocational or technical <input type="checkbox"/> Establishment for/with learners with special educational needs <input type="checkbox"/> Other, namely:		
Number of staff:	Total: 18	Female: 15	Male: 3
Number of pupils:	Total: 225	Female: 113	Male: 112

3. Head of institution (The person who legally binds his/her institution and will sign the contract if the application is successful)

Family and first name:	Mª TERESA COUTO NOGUEIRA	Mr <input type="checkbox"/>	Ms <input checked="" type="checkbox"/>
Official title:	DIRECTORA		

4. Name and private address of contact person (this person will be informed of the result of the selection and may be contacted, if needed, at his/her private address during school holiday periods)

Family and first name:	Mª TERESA COUTO NOGUEIRA	Mr <input type="checkbox"/>	Ms <input checked="" type="checkbox"/>
Present position:	DIRECTORA		
Street name and number:	C/ AUGUSTO GARCIA SANCHEZ Nº 21, 1º D		
Post code and town/city:	36002 PONTEVEDRA		
Region:	GALICIA		
Country:	ESPAÑA		
Telephone and fax number (include area and country code):	Telephone: 00 34 986 859308	Fax:	
E-mail:	Teresa.couto@edu.xunta.es		

5. Teachers and pupils of your school participating in the project

Number of teachers participating in the project:	Total: 8	Female: 7	Male: 1
Number of pupils participating in the project:	Total: 49	Female: 24	Male: 25
Age of pupils participating in the project :	Youngest: 10	Oldest: 12	
If secondary pupils are involved, please specify which type of class is most concerned:	<input type="checkbox"/> general <input type="checkbox"/> vocational <input type="checkbox"/> technical		

6. Previous participation in EU programmes

Has your institution participated in the SOCRATES programme or any other activity supported by the European Union in the course of the past five years (e.g. LEONARDO DA VINCI, YOUTH FOR EUROPE, etc.)?			<input checked="" type="checkbox"/> YES (please fill in the table below) <input type="checkbox"/> NO
Year	European Union programme	Project reference number	Title
1997	Comenius 1	96/2/COM1-ASGA001	VITRUM
2001	Comenius 1	01-ESP01-S2C01-00970-1	IDENTITÉ ET CULTURES

Partner institution N° 4

1. Name, address and contract reference of the institution (if the application is successful, all correspondence and the grant contract will be sent to this address)

Full legal name of institution in the national language:	Scuola Secondaria di 1° Grado C.B. Cavour		
Street name and number:	Via Carbone, 6		
Post code and town/city:	95128 Catania	City <input checked="" type="checkbox"/> Suburb <input type="checkbox"/> Rural area <input type="checkbox"/>	
Region:	Sicilia		
Country:	ITALIA		
Telephone and fax number (include area and country code):	Telephone: +39 095 313797	Fax: +39095310480	
E-mail:	Cavour_ct@virgilio.it		
Website:			
Contract reference n° (school year 2005/06):	05-ITA01-S2C01-00094-1		

2. Type of institution

Institution level(i.e. level involved in this project) :	<input type="checkbox"/> Pre-primary school <input type="checkbox"/> Primary school <input checked="" type="checkbox"/> Secondary school <input type="checkbox"/> Other, namely:		
Type of institution:	<input checked="" type="checkbox"/> General <input type="checkbox"/> Vocational or technical <input type="checkbox"/> Establishment for/with learners with special educational needs <input type="checkbox"/> Other, namely:		
Number of staff:	Total: 100	Female: 86	Male: 14
Number of pupils:	Total: 674	Female: 315	Male: 359

3. Head of institution (The person who legally binds his/her institution and will sign the contract if the application is successful)

Family and first name:	Ligresti Santo	Mr <input checked="" type="checkbox"/> Ms <input type="checkbox"/>
Official title:	Dirigente	

4. Name and private address of contact person (this person will be informed of the result of the selection and may be contacted, if needed, at his/her private address during school holiday periods)

Family and first name:	Bufardeci Ketty	Mr <input type="checkbox"/> Ms <input checked="" type="checkbox"/>
Present position:	Docente	
Street name and number:	Via Politi 9	
Post code and town/city:	95124 Catania	
Region:	Sicilia	
Country:	ITALIA	
Telephone and fax number (include area and country code):	Telephone: +39 095 313256	Fax: +39095313256
E-mail:	Cavour_ct@virgilio.it	

5. Teachers and pupils of your school participating in the project

Number of teachers participating in the project:	Total: 29	Female: 25	Male: 4
Number of pupils participating in the project:	Total: 410	Female: 195	Male: 215
Age of pupils participating in the project :	Youngest: 10	Oldest: 13	
If secondary pupils are involved, please specify which type of class is most concerned:	<input checked="" type="checkbox"/> general <input type="checkbox"/> vocational <input type="checkbox"/> technical		

6. Previous participation in EU programmes

Has your institution participated in the SOCRATES programme or any other activity supported by the European Union in the course of the past five years (e.g. LEONARDO DA VINCI, YOUTH FOR EUROPE, etc.)?			<input checked="" type="checkbox"/> YES (please fill in the table below) <input type="checkbox"/> NO
Year	European Union programme	Project reference number	Title
00/01-	Comenius 1	01-ita-sc-0101009	We want to know you

If there are more than four institutions in the project, please continue on a copy of pages 10 and 11.

C. PROJECT ACTIVITIES

*Please note that **section C** of the application form must be completed **jointly** by **all institutions** participating in this project.*

Please answer on a separate sheet and follow the order of the questions hereafter. The complete description should not exceed 2 pages of text.

1. Which project activities have taken place so far in the school year 2005/06?

See relevant Appendix on a separate sheet of paper

2. Which activities are envisaged for the remaining part of the school year 2005/06?

Please provide information on the activities taking place within and between the participating institutions, as well as the mobility activities - i.e. project meetings, teacher exchanges, teacher placements, head teacher study visits. In case there are major deviations from the initial plan, please explain why.

See relevant Appendix on a separate sheet of paper

3. Which project activities do you intend to carry out in the course of the school year 2006/07 and what are the expected results thereof?

Please describe the project activities planned to take place locally within each participating institution, as well as the transnational mobility activities for staff and pupils. Will there be any specific project results produced in 2006/07? How do you intend to evaluate the progress of the project and its impact? Will there be any specific dissemination activities of project results, experience and end products?

See relevant Appendix on a separate sheet of paper

4. Project calendar.

Please summarise in the table below the project activities planned for the school year 2006/07 (which you have described in more detail in answer to question 3 above). The list should cover both the project activities which will take place locally within the various participating institutions and the transnational mobility of staff and pupils to be carried out between the participating institutions.

Approximate date	Activity	Location <i>(in the case of mobility : from / to)</i>
September 2006	All schools to send relevant diary dates, information on teachers, classes and groups of children to be directly involved in the project and any other information which may be of interest or useful to all other participating schools. All partners inform members of teaching staff, pupils, parents and local community about the beginning of the second year of the project, discuss and consider their possible involvement in its project work and activities.	
October 2006	All partners revise the activities conducted in the previous year and make plans for this year. Discuss local tales, legends and mythologies about the Sun and combine them with arts, drama and theatre. All partners prepare and propose lists of project work and activities to be discussed during the third project meeting, which will be held at the <i>Colexio de Educación Infantil e Primaria Froebel</i> , Galicia, Pontevedra, Spain, in the middle of October 2006. Attempt to establish and "e-twinning network" amongst partners and use the "TwinSpace" provided for communication and exchange of project work.	VISIT TO SPAIN [from Greece to Spain] (Discuss ideas and set up activities to be followed in the coming months)

November 2006	All schools set up partner classes and/or groups of pupils participating in the activities of the project. Investigate the Sun and the Solar system and end up with a model, which can be set up in the school yard. Discuss the topic "Solar energy for life" and construct a small greenhouse out of PVC tubes and plastic glazing for plant experimentation. Discuss the application of passive solar systems in local and international architecture for a sustainable and efficient home living with low energy demands.	
December 2006	All schools deal with the topic of solar dehydrated foods and construct a simple solar dehydrator out of two boxes (collector & dryer) and plastic glazing to be tested when weather conditions permit it. Pen pals exchange Christmas cards and small pieces of craft or drawings with "the Sun" and/or "solar energy" as a topic.	
January 2007	All schools discuss in classes and groups of children issues about energy crisis, renewable and non-renewable sources of energy at local and international level. Discuss active and passive solar systems as well as photovoltaic systems and their potential in sustainable development and energy future.	
February 2007	All schools discuss solar energy applications further and undertake project work, which can include the construction of solar water heaters, solar cookers and solar toys to be prepared for the 2 nd science fair of the project. Discuss the potential of active solar energy systems and construct a solar water heater with plastic bottles and rubber tubes in a serpentine arrangement and/or a classic water heater with vertical and horizontal tubing arrangements and test them in practice	
March 2007	All schools discuss and judge the potential and difficulties of solar cookers and construct a box cooker with 4 reflectors or a funnel box cooker and/or a couple of designs with open panel solar cookers and test them in practice. The pupils are encouraged to exchange data and information with their pen pals. Teachers are requested to prepare a list of solar energy projects for the science fair to be discussed during the 4 th project meeting in April 2007.	
April 2007	All partners reconsider photovoltaic cells as energy converters (solar to electric) and make toys which can actually work with solar cells and motors (e.g. boats, cars, cranes, lifts, pumps and other toys). All school partners meet at <i>the Scuola Secondaria di 1° Grado C.B. Cavour, Catania, Cicely</i> in Italy in the end of April 2007 to discuss and evaluate the project activities so far and plan ahead the organisation of the 2 nd project science fair in each school. Upon their return back to schools, teachers are expected to supervise the remaining phases of the solar energy projects to be presented in the science fair.	VISIT TO ITALY [from Greece to Italy] (Solar energy projects discussion and planning of the 2 nd science fair)
May 2007	All schools work on the solar energy projects and prepare the set up of the science fair. Pupils exchange ideas and information with fellow pupils in the project countries and the coordinating school provides advice and hints for the development of solar energy projects and constructions.	
June 2007	During the first week of June 2007 the 2 nd science fair on solar energy will be conducted in each school and video snapshots and/or photos will be exchanged and put up on the web site of the	

	<p>project. Each partner school will prepare a short report, collect some relevant material and send them to the coordinating school to join them together and produce a final report of the 2nd year of the project, which will be sent back to the partner schools, collaborating institutions and national agents.</p>	
Ongoing Activities	<p>Send and exchange any work produced by pupils and teachers that would be of interest to other schools and partners.</p> <p>Send photos, video tapes, creative activities etc. that take place throughout the year, in order to be uploaded on the web site (cf. URL: < http://9dim-rethymn.reth.sch.gr/contents_en/Comenius.htm >) and shared with all partners.</p> <p>Information on relevant school trips and/or visits.</p>	

D. BUDGET

Please note that **section D** of the application form must be completed **individually** by each institution participating in the project.

The budget tables relate **exclusively** to your own institution's grant request for 2006/07. This means that all participating institutions have to complete their **individual** grant request.

Before filling in the tables, please read carefully **Annex 1 and Annex 2**.

D.1. STANDARD AMOUNT

The table below relates **exclusively** to your own institution's grant request for 2006/07.

	Amount requested in Euro
Linguistic preparation of staff and pupils	
Expenditure for project activities <i>(e.g. dissemination activities, consumables like paper, material for art or handicraft objects, entrance fees to museums, local travel needed for field work, etc.)</i>	1000
Translation	
Documentation <i>(e.g. printing, layout)</i>	600
Software <i>(e.g. Internet / email connection, or software directly related to project activities)</i>	
General administration <i>(maximum 20% of the standard amount with an absolute maximum of 400 Euro¹) (e.g. office supplies, photocopies, communication)</i>	400
Other* <i>(e.g. smaller items of hardware necessary for the project work)</i>	
Total standard amount requested	2000

* Please specify and justify:

¹ Maximum 20% of the standard amount **recognised as eligible costs** at final report stage, with an absolute maximum of 400 Euro.

D.2 VARIABLE AMOUNT

In the table below you should introduce **exclusively** the grant request for transnational mobility activities which **your** institution wants to undertake in **2006/07**. Remember to answer the two questions on the next page if applicable.

Mobility type ²	Total number of staff	Total number of pupils	Number of disadvantaged staff ³	Number of disadvantaged pupils ³	Origin (city/town, country)	Destination (city/town, country)	Duration (number of overnight stays abroad)	Grant request for travel costs in Euro	Grant request for staff subsistence costs in Euro	Grant request for pupil subsistence costs in Euro	Total variable amount requested in Euro
Project meeting	3	0	0	0	Rethymno, Greece	Pontevedra, Spain	6	600 x 3 = 1800	141 x 6 = 846 x 3 = 2538		
Project meeting	3	0	0	0	Rethymno, Greece	Catania, Italy	6	600 x 3 = 1800	130 x 6 = 780 x 3 = 2340		
Headteacher study visit	1	0	0	0	Rethymno, Greece	Catania, Italy	6	600 x 1 = 600	130 x 6 = 780		
								TOTAL: 4200	TOTAL: 5658	TOTAL:	TOTAL: 9858

D3. TOTAL SOCRATES GRANT REQUESTED⁴

In the box below indicate the total Socrates grant requested as a contribution for implementing the project at your institution.

Total SOCRATES Grant Requested (D1 + D2)

2000 + 9858 = 11858 €

² Eligible mobility types are: project meetings (for staff and pupils), teacher exchanges, teacher placements, head teacher study visits. Please note that it is also possible to include a mobility grant request in order to participate in a Comenius 3 network event organised abroad; for more information in relation to these activities, please consult your National Agency or the Socrates/Comenius website.

³ Persons who are disadvantaged for socio-economic reasons, or who have a disability and are in need of special assistance when travelling and staying abroad.

⁴ Please carefully check the budget summary, and especially the section on travel costs, to ensure that your grant request is realistic but sufficient to cover the planned activities. In case of doubt, please check with a travel agency before submitting your application.

1. Please explain the nature of the disadvantage of the staff and/or pupil(s) travelling abroad and justify the need for an increased grant:

2. Please explain the need for a grant contribution towards subsistence costs for pupils:

D.4 ASSOCIATED PARTNERS

"Associated partners" are organisations, such as associations, local or regional authorities, companies, etc. (cf. list below the table) which will play an active role in the Comenius project. If your institution intends to involve such organisations in the project, please include them hereafter. You can only include organisations from your own country.

Please give the full legal name and the status* of the associated partners of the project :	
Name and address	Status*
Laboratory for Science Teaching University Campus 74100 Gallos, Rethymno Crete Greece URL: < http://www.clab.edc.uoc.gr/ >.	University of Crete (Research Institute)
Laboratorial Science Centre of Rethymno (EKFE) Machis Kritis 35 74100 Rethymno Crete Greece URL: < http://ekfe.reth.sch.gr/ >.	Science Laboratory Support Centre (Secondary Education institution)
Science Laboratory Centre for Primary Education (forthcoming) Machis Kritis 33 74100 Rethymno Crete Greece URL: < http://9dim-rethymn.reth.sch.gr/contents_gr/scilab/scilab.htm >.	Science Laboratory Support Centre (Primary Education institution)

* Types of organisations:

Non-profit association (local/regional/national)

Non-profit association (international)

Research institute

Public authority (local)

Public authority (regional)

Public authority (national)

Private company (manufacturing)

Private company (services)

Other type of organisation

D.5 DECLARATION

To be signed and stamped by the person legally authorised to sign on behalf of your institution. Please note that the signature and the stamp has to be in the original on the application to be sent to your National Agency.

"I, the undersigned, certify that the information contained in this application form is correct to the best of my knowledge.

I confirm that my institution has the financial and operational capacity to complete the proposed project.

I take note that under the provisions of the Financial Regulation applicable to the general budget of the European Communities⁵, grants may not be awarded to applicants who are in any of the following situations:

(a) if they are bankrupt or being wound up, are having their affairs administered by the courts, have entered into an arrangement with creditors, have suspended business activities, are the subject of proceedings concerning those matters, or are in any analogous situation arising from a similar procedure provided for in national legislation or regulations;

(b) if they have been convicted of an offence concerning their professional conduct by a judgement which has the force of res judicata;

(c) if they have been guilty of grave professional misconduct proven by any means which the contracting authority can justify;

(d) if they have not fulfilled obligations relating to the payment of social security contributions or the payment of taxes in accordance with the legal provisions of the country in which they are established or with those of the country of the contracting authority or those of the country where the contract is to be performed;

(e) if they have been the subject of a judgement which has the force of res judicata for fraud, corruption, involvement in a criminal organisation or any other illegal activity detrimental to the Communities' financial interests;

(f) if following another procurement procedure or grant award procedure financed by the Community budget, they have been declared to be in serious breach of contract for failure to comply with their contractual obligations.

(g) if, in their grant application, they are subject to a conflict of interest;

(h) if, in their grant application, they are guilty of misrepresentation in supplying the information required by the contracting authority as a condition of participation in the grant award procedure or fail to supply this information.

I confirm that neither I nor the institution for which I am acting as legal representative are in any of the situations described above, and am aware that the penalties set out in the Financial Regulation may be applied in the case of a false declaration."

Place: Rethymno, Crete, Greece

Date :28-01-2006

Name and position in capital letters:

Signature:



Stamp of the institution:

KOURKOULOS STRATIS
HEADTEACHER OF THE 9TH PRIMARY SCHOOL OF RETHYMNO

⁵ Council Regulation No 1605/2002 (OJ L248 of 16/09/2002) and Commission Regulation No 2342/2002 (OJ L357 of 31/12/2002). These can be consulted in the Official Journal online at : <http://europa.eu.int/eur-lex/lex/JOIindex.do?ihmlang=en>

ANNEXES

ANNEX 1 : GRANT RULES

This information complements the Guidelines for Applicants. Therefore, please also read carefully the section on Comenius 1 in part II (Description of the actions within Socrates) in the Guidelines for Applicants.

Each institution's total grant is made up of two parts: a Standard amount and a Variable amount.

A. STANDARD AMOUNT

The seven categories of costs eligible for funding are:

1. Linguistic preparation of staff and pupils: e.g. extra lessons in the target language, purchase of material for autonomous learning, such as Cd-roms, books, etc.
2. Expenditure for project activities: e.g. paper, material for handicrafts and art objects, items and materials for class or field work, entrance fees to museums, dissemination activities, local travel related to field work, travel to a project meeting at a partner school in the same country etc.
3. Translation
4. Documentation: e.g. layout, printing
5. Software: internet/e-mail connection or software directly related to the project activities
6. General administration: communication, office supplies, photocopies
7. Other: items/cost that are necessary for carrying out the project but which do not fit into any of the previous categories of "normal" project costs. These can be minor elements of equipment for example. Please note that you need to specify such costs and justify why they are essential to the carrying out of the project.

The Standard amount will normally not exceed 2000 Euro for the coordinating institution; for partner institutions it will be normally limited to 1500 Euro.

The Standard amount may also be used to cover the travel and subsistence costs of one person's participation in a training seminar / meeting organised by the National Agency of the home country, even if this participation has not been planned in the application itself.

Staff costs are considered as a contribution *in kind* by the beneficiary institution, and are thus not eligible for funding. Likewise, expenditure for entertainment and hospitality is not eligible for funding.

B. VARIABLE AMOUNT

The Variable amount is meant to offset the costs relating to the transnational mobility of staff and pupils. The grant will make a contribution towards travel, travel insurance and subsistence costs.

The Variable amount may be increased in the case of disadvantaged persons, i.e. persons who are disadvantaged for socio-economic reasons, and disabled persons who have special needs when travelling and staying abroad (e.g. an accompanying person). The National Agency will assess the need for an increased amount against the information given in section D.2 (Variable amount) of the application form.

Sufficient support will normally be provided to enable the staff mobility of 4-6 persons per school per year, and pupil mobility of 2-4 pupils per school per year.

Please note that you can also apply for participation in Comenius 3 network events organised in an other participating country. For more information about network activities planned to take place in the course of the school year 2006/07, please contact your National Agency or consult the Socrates/Comenius website.

Travel costs

Travel and travel insurance costs are based on real costs incurred. The grant will normally cover 100% of all travel and insurance costs. However, the cheapest rates must be used. Travel costs include local/regional travel from the place of departure in the home country and to the destination in the host country. The National Agency will check that the cheapest rates have been used in all travel.

Air travel may be used only for journeys of more than 400 kilometres unless a sea crossing is necessary. In the case of travel by car, the eligible amount shall be based on the cheapest equivalent travel fare (e.g. air travel, bus, train etc.), but shall at any rate not exceed the cost of one equivalent first class rail fare regardless of the number of people travelling in the car.

Subsistence costs

The grant contribution towards subsistence costs will not exceed the maximum daily SOCRATES subsistence rates. Subsistence costs cover accommodation and living expenses, including expenditure for local/regional travel during the mobility period abroad. Different maximum rates apply to staff and pupils (see Annex 2); for pupils, the rates are substantially lower than for staff as they are supposed to stay at each other's homes.

ANNEX 2 : SUBSISTENCE RATES

Your National Agency will decide on the actual daily rate applied to each case. The decision will be determined by the budgetary resources available, which will depend on the budget of each participating country and the number of applications submitted.

Maximum daily rates for staff

Country	Max in EUR	Country	Max in EUR
BE België/Belgien/ Belgique	150	NL Nederland	148
CZ Česká republika	214	AT Österreich	122
DK Danmark	179	PL Polska	227
DE Deutschland	127	PT Portugal	143
GR Hellas	113	SI Slovenija	148
EE Eesti	129	SK Slovenská republika	164
ES España	141	FI Suomi/Finland	156
FR France	130	SE Sverige	157
IE Ireland/Eire	165	UK United Kingdom	199
IT Italia	130	IS Island	183
CY Kypros	100	LI Liechtenstein	174
LV Latvija	174	NO Norge	171
LT Lietuva	126	BG Balgarija	157
LU Luxembourg	143	RO România	185
HU Magyarország	136	TR Türkiye	114
MT Malte	116		

Maximum daily rates for pupils

Country	Max in EUR	Country	Max in EUR
BE België/Belgien/ Belgique	38	NL Nederland	37
CZ Česká republika	54	AT Österreich	30
DK Danmark	45	PL Polska	57
DE Deutschland	32	PT Portugal	36
GR Hellas	28	SI Slovenija	37
EE Eesti	32	SK Slovenská republika	41
ES España	35	FI Suomi/Finland	39
FR France	32	SE Sverige	39
IE Ireland/Eire	41	UK United Kingdom	50
IT Italia	32	IS Island	46
CY Kypros	25	LI Liechtenstein	44
LV Latvija	44	NO Norge	43
LT Lietuva	31	BG Balgarija	39
LU Luxembourg	36	RO România	46
HU Magyarország	34	TR Türkiye	29
MT Malte	29		

N.B. Please note that some National Agencies may only allocate a grant towards pupil subsistence costs if the need thereto is sufficiently justified in the application (see question 2 in section D.3)

C. PROJECT ACTIVITIES

1. Which project activities have taken place so far in the school year 2005/06?

Since the beginning of the Project in September 2005 communication and exchange of ideas and information have been established amongst partners. This has been accomplished through the following:

- a) an electronic mailing list involving all participating colleagues from the partner schools, providing *in vitro* communication with first hand and updated information about the developments of the project for everyone
- b) a web site of the project has been launched under the site of the coordinating school, the 9th Primary School of Rethymno, accessible at the URL: < http://9dim-rethymn.reth.sch.gr/contents_en/Comenius.htm >, which provides information about the project to partners and the general public
- c) the 1st Project meeting conducted at the 9th Primary School of Rethymno, Crete, Greece from the 14th until the 17th of November 2005, which has enhanced the collaboration and built up relationships amongst participating institutions and colleagues, through an active and *in vivo* participation and discussion.

There has been an attempt to actively develop a communication amongst participating pupils from different schools through an exchange of letters and postcards organised in pairs, groups and/or classes. This has proven to be a difficult task mainly due language difficulties and adequate combination of interests and age groups, but it is considered essential in building up a warm atmosphere of friendship amongst participants to function as a solid basis for future joint experimentation and project development.

During the 1st project meeting the participants met and discussed future developments of the project as well as specific activities which either have already been and/or are to be conducted within the current school year. Furthermore teachers and pupils from the co-ordinating school presented project related activities in which all visiting colleagues were actively involved (cf. URL: < http://9dim-rethymn.reth.sch.gr/contents_en/1st_meeting.htm >). Such activities included the following:

- *the planetary restaurant*, where the children served our guest-teachers traditional Greek and Cretan dishes with various spices, which have been cleverly linked with characteristics of the 9 planets of our solar system.
- *sun breads out of dough*, which were prepared, cooked and offered to the guests by younger pupils
- *stories and tales about the Sun in various cultures*
- *the story of the sun flower* and its products, presenting tales about the sunflower in various cultures and creating a collective piece of art with sunflower craftwork
- *a wall painting happening* depicting a comic of Obelix and Asterix with solar cells on his hat
- *bottle painting with figures of the Sun* later used to offer traditional drinks to the guest colleagues
- *performing, dancing and singing songs* related to the Sun in Greek and in English etc.

On top of that, all colleagues presented relevant activities which have taken place and/or are in progress in their schools and project work conducted so far. The main topics that have been elaborated until January 2006 are related to the Sun in local cultures, history and mythology and an initial approach to renewable sources of energy, solar energy and some simple solar applications and/or constructions.

The coordinator has prepared and distributed a DVD with solar energy project resources and specific information on solar applications, constructions, devices and models. Some of these resources are being progressively uploaded as links on the project web site (cf. URL:< http://9dim-rethymn.reth.sch.gr/contents_en/project_resources.htm >). Discussion regarding the selection of particular activities and/or applications to be implemented as project tasks appears to be an open process, on the basis of the above mentioned tank of available activities and resources, perhaps accompanied with others to be found on the course. Nevertheless, we have discussed and decided the kind of activities to focus on the 1st and then during the 2nd and 3rd year of the project. We have agreed to work on *all possible categories* of solar energy applications and constructions we could work for each year, but on particular distinct designs for each project year. In this sense, different groups of pupils and different classes will deal with a similar, but differentiated, set of solar energy applications and constructions every year throughout the project years. Furthermore, at the end of the 3 year-period of the project we will have accumulated a broader set of solar energy applications and constructions tried out and tested within classroom practice, which can be delivered as a final outcome of the whole project. In this sense, we believe that a broader range and number of future citizens will become aware and sensitized on solar energy, more likely leading to

considerate decision making processes and future actions regarding alternative energy policies and a sustainable development within a framework of environmental sensitivity and care.

2. Which activities are envisaged for the remaining part of the school year 2005/06?

During **February 2006** all participating schools will discuss solar energy further by using a global solar energy map, attempt to locate solar energy applications in local, national and international contexts and compare information with other partners. Teachers exchange ideas on experiments and investigations on aspects of solar energy to be treated with pupils in the following month. Information about applications and/or constructions about *passive* (e.g. solar houses and solar architecture, greenhouses, solar cookers, solar dehydrators etc.) and *active* solar systems (e.g. solar water heaters, solar heating/cooling for homes, solar power stations with reflectors etc.) as well as *photovoltaic* systems (e.g. solar cells and arrays, solar cars and solar toys with PV cells and motors etc.) is to be initially presented and discussed.

During **March 2006** all schools are expected to set up experiments and investigations on *solar thermal energy and active solar systems*, such as: a) solar water heating in various aluminium containers and/or plastic bags, b) observe the melting of ice cubes on carton papers of various colours, c) construct a small model of a solar water heater out of a plastic soda bottle to be used as a tank and a small black box collector with a rubber tube etc. In order to understand how solar heaters work, the "thermosiphon effect" needs to be analysed and discussed. Later, pupils can do some project work on solar water heaters by constructing a serpentine solar water heater and/or a spiral solar water heater to be presented in a final science fair.

During **April 2006** all schools are expected to set up experiments and investigations on *solar thermal energy and passive solar systems*, such as: a) make greenhouse models out of boxes with plastic glazing, b) experiments with "hot boxes", c) a simple pizza box solar cooker etc. In order to understand how solar cookers work, the "greenhouse effect" needs to be analysed and discussed. After that the children can undertake project work and construct box solar cookers with or without a top lid and a simple solar dehydrator out of a box in order to experiment with the drying of herbs, fruit and vegetables, which can also be presented at the science fair. The pupils and teachers are encouraged to exchange data and information with their pen pals at all times.

In the **1st week of May 2006**, the second meeting of the project is to be held at the *Escola Antré Soares*, Norte, Braga, Portugal, where all partners are expected to discuss and evaluate the project activities so far alongside with the year's report and the organisation of pupils' project work and the science fair to be held in each school. For the remaining of the month all schools are expected to set up solar energy experiments with photovoltaic cells such as: a) measure the rounds per minute of a circular piece of carton with a dot drawn on it, which is attached to the shaft of a motor operating with electrical energy coming from a solar cell, studying its performance under different conditions b) experiment with the performance of motors after orienting the solar cells at different angles towards the sun, c) use transparent and non transparent materials on top of the solar cells and study their behaviour with motors etc. Children can undertake project work in constructing solar toys with photovoltaic cells and motors (e.g. toy cars and/or boats). All schools work on the solar energy projects and prepare the set up of the science fair, which can also be incorporated in the final events of the school year. Pupils exchange ideas and information with fellow pupils in the partner countries and the coordinating school provides advice and hints for the development of solar energy projects and constructions. Moreover, groups of pupils are working to present other project related activities such as: theatrical plays, songs, craft work and happenings as well as written works and paintings.

During the first week of **June 2006** a science fair on solar energy will be conducted in each school and video snapshots and/or photos will be exchanged and put up on the web site of the project. Each partner school will prepare a short report, collect some relevant material and send them to the coordinating school to join them together and produce a final report of the 1st year of the project, which will be sent back to the partner schools, collaborating institutions and national agents.

At all times partners are encouraged to send and exchange any work produced by pupils and teachers that would be of interest to other schools and partners as well as information on relevant school trips and/or visits. Also send photos, video tapes, creative activities etc., which take place throughout the year, in order to be uploaded and shared on the web site.

Finally, in the beginning of **September 2006** the co-ordinator of the project will attend the 3rd International Conference "*Science Education and the Future of Humanity*", organised by the "Hands-on Science" Comenius 3 Network [Project N^o. 110157-CP-1-2003-1-PT-COMENIUS-C3], of which we are associated partners, and present a report about the development of the first year of the SEAA Project (cf. URL: < <http://www.hsci.info/hsci2006/index.html> >).

3. Which project activities do you intend to carry out in the course of the school year 2006/07 and what are the expected results thereof?

During the second year of the project a similar, but distinct, set of activities about the Sun and solar energy as well as active, passive and photovoltaic solar systems is to be elaborated in collaboration with all partner schools. This is feasible due to an available variety of resources, activities and designs out of which we can be selective and adaptive according to pupils' interests and the conditions of educational settings. In this sense, a list of indicative solar energy activities to work with, during the next school year 2006-2007, could be as follows:

- Revise and extend the ideas about the Sun in national and local tales, legends, mythologies and histories by examining more available resources and possibly combine them with arts, drama and theatre.
- Investigate more about the Sun and the solar system and construct a couple of scaled models (e.g. a 3D one and one for the school yard).
- Discuss the potential of active solar energy systems and construct a solar water heater with plastic bottles and rubber tubes in a serpentine arrangement and/or a classic water heater with vertical and horizontal tubing arrangements and test them in practice.
- Revisit the energy crisis and discuss solar energy solutions in passive solar systems and more precisely traditional and modern architecture perspectives for a sustainable and low energy efficient home living.
- Work further with passive solar systems and construct a small and inexpensive greenhouse out of PVC tubes and plastic glazing and experiment with the growth of plants etc.
- Judge the potential and difficulties of solar cookers and construct a box cooker with 4 reflectors or a funnel box cooker and/or a couple of designs with open panel solar cookers and test them in practice.
- Discover the uses of dried food and construct a solar dehydrator out of 2 boxes (collector and dryer), in order to experiment with solar food drying techniques.
- Reconsider photovoltaic cells as energy converters (solar to electric) and make toys which can actually work with solar cells and motors (e.g. boats, cars, cranes, lifts, pumps and other toys).

The pupils will be encouraged to participate in activities that enhance communication between each other and work on common tasks together, regardless differences in background, language and culture. Pupils alongside with teachers are expected to search and locate sources of information via texts (books, internet, etc.), select appropriate resources and materials and organise them in an interesting, investigative and systematic way, within a formal and a non-formal educational framework (e.g. preparation and project work for a science fair). Teachers' mobility activities will aid professional development by providing experience on how schools operate in other European countries and through working with colleagues from varying backgrounds and cultures, working on a particular project theme.

Moreover, during the 1st Project meeting in Crete, we discussed the possibility for the establishment of an "e-twinning network" (cf. URL: < <http://www.etwinning.net/www/en/pub/etwinning/index2005.htm> >) amongst school partners, in order to use the services and the "TwinSpace" for communication and exchange of project information. If possible, an attempt to start the "e-twinning" will be conducted during the end of the current project year in order to be ready for next year. Nevertheless, dissemination of project work and activities is always open to partners and public through the relevant web site (cf. URL: < http://9dim-rethymn.reth.sch.gr/contents_en/Comenius.htm >).