



Title: Challenging Climate Change through Capacity Building Education

Basic Information

- **Organization Name:** Silver Oaks Schools & College
- **Responsible Parties:**
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Project Director: Sadaf Taimur; Cell: +923425430549; E-mail: co-curricular@silveroaks.edu.pk
- **Project Name:** Challenging Climate Change through Education
- **Location of the Project:** Rawalpindi, Pakistan
- **Timeframe:** Start Date: 15th July, 2016; End Date: 30th June, 2017 (tentative)
- **Fundraising Target:** Pakistani Rs.3,807,910 = US\$ 36,970
- **Classification:**
(a) Community Improvement & Capacity Building; (b) Public & Societal Benefit; (c) Environment

* This project is a non-profit project and Silver Oaks will consider this as a CSR project an implementing Partner. Total cost of the project is \$ 55500 and out of this cost 1/3 is being born by the implementing partner.

Project Summary:

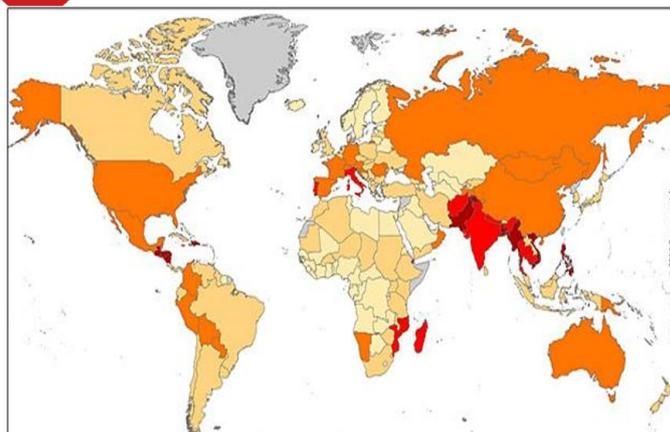
- **Background – The Case for Pakistan:**

Dr. Robbin Schug's research (Sci-News.com) suggests that demise of the Harrapan Civilization (Indus Valley Civilization), that ceased to exist over 3000 years ago, despite being one the old world's 3 major civilizations populating over 5 million people, can be directed attributed to climate change. Is history going to repeat itself? Unfortunately, as per the the "Global Climate Change Index", Pakistan is the 3rd most vulnerable country facing climate risk (most populated). Through a latest survey (4000 respondents across Pakistan), Pakistanis recognize that these changes are having a high level of impact on their lives now (but are unsure of what needs to be done about it). The realization is no surprise - the last few years have provided ample proof of Pakistan's climate-change vulnerability. According to climatologists, the devastating floods of 2010, which, submerged a fifth of the country and displaced millions-constituted "the worst natural disaster to date attributable to climate change".

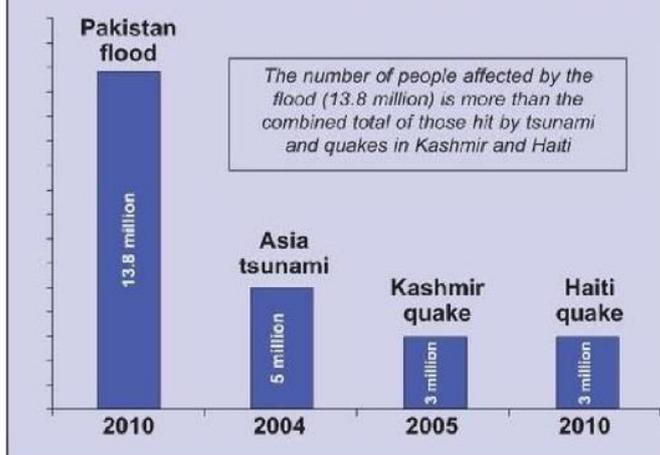
These challenges are being exacerbated with unfriendly environmental practices. OECD analysis suggests that if we act now, we have 10 to 15 years' "breathing space" during which action is possible for coping with climate change at a relatively modest cost. But every year of delay reduces this breathing space, while requiring ever more stringent measures to make a difference. The study found that those communities, who were informed about their environment and the challenges associated with climate change, were best able to mitigate and cope with these challenges. This indicates that communicating the



Global Climate Risk Index (2014): Haiti, Philippines and Pakistan



Pakistan's worst-ever disaster



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challenges associated with climate change is essential to motivate people to take effective and timely mitigating action on climate change.

- **Rationale - Justification of the Project:**

Fact 1: In a 2006 UN survey of environmental ministries, governments cited lack of capacity and understanding on the topic of gender and environment, and specifically on climate change.

Fact 2: 68% of Pakistan's now estimated population of ~210 Million comprises of children and youth;

Fact 3: We cannot undo the damage we have already done, and therefore, must focus on educating our population on "climate change mitigation and adaption" to the reverse the course of "Harrapan History" repeating itself;

Fact 4: While, many activists in Pakistan are working on climate change mitigation & adaptation through advocacy and raising their voice through lobbying activities, no substantial work has been done to develop and deliver capacity building module for raising awareness regarding climate change in Pakistan.

Conclusion:

Silver Oaks Schools & College aims to address the challenge of climate change through capacity building and educational workshops followed by "community action projects" for children & youth. While we recognize that we cannot train 68% of the population of Pakistan, we believe that an effective pilot project addressing the root cause, which is the mindset and basic living practices of people, will get the ball rolling. To do so, we proposing a directed awareness education of a captive audience, leading to capacity building.

- **Goal/Aim:**

"19600 community members in Northern Punjab, Pakistan will get capacity building training on basic livelihood practices for mitigating contribution to climate change and better adapting to the hazardous impact of climate change (floods, droughts, heat spell etc.)"

Project Proposal:

- **Objectives:**

- Sensitizing young minds (in formative years) regarding climate change impacts on our lives;*
- Combating negative impacts of climate change on livelihood by increasing knowledge, strengthening institutions and developing capacity related to climate change;*
- Integrating available climate information to allow carrying out sustainable adaptation measures;*
- Increasing knowledge regarding best everyday practices to reduce contribution to climate change;*
- Initiating a social action environmental project (plantation, liter cleanup, social media campaign, organic gardening) as a sample, demonstrating climate change mitigation and adaptation;*
- Preparing sustainable action plan for future.*

- **Beneficiary Impact:**

a. Social: Level 1 - 19600 Direct Community Members (Master Trainers; Staff Members; Pupils; Family Members) Gender disaggregated details: Female (51%) Male (49%) (This is an approximation with +/- 2% deviation). Impact of social media campaign through 5000 prime project beneficiaries (X50 reach per adult member) is round one is expected to reach quarter-million people.

b. Environmental: Social Action Community Projects (in 18 communities in Northern Punjab (Rawalpindi)

c. Economic: Shaping young minds will have significant economic benefits in future through: (a) Timely adaptation will help take appropriate steps to protect their possessions; (b) Taking steps to reduce the contribution towards damaging the O-Zone layer has long term economic benefits. It will reduce the cost of future disaster management steps and the cost of mitigating climate change artificially; (c) In future, we might have to seal a lot of industries/businesses because of their unnecessary emissions or contribution to climate change that can impact the economic growth of the country. If people know the extreme damage that climate change can cause, they will start taking the steps now (gradually) and we will not have to take last-minute disaster management actions to comply with environmental standards.

- **Methodology:**

This project will be a unique pilot project as no organization in Punjab (Population: ~ 120 Million) is building capacity among young minds regarding climate change mitigation & adaptation. The project methodology involves using school's facilities and reach to sensitize staff and learners (children & youth) directly and



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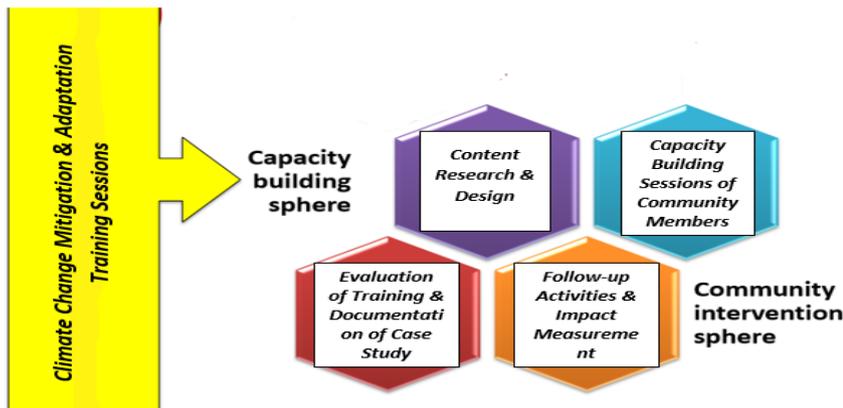
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family members (indirectly) regarding climate change through formal capacity building workshops and applied practical social action community projects in 18 different locations.

As a first step, 18 master trainers will be trained at a central location (one for each location). These master trainers will then go to their respective campuses/locations and conduct a training for rest of the staff members in that particular location. These staff members will then be ready to deliver this training to their respective learners. For learners, this training will be divided in three different steps to ensure that they have absorbed the concepts and sessions will be designed in a way to ensure maximum interaction, contribution, participation and practical learning (content will be designed centrally to ensure quality). This project will be launched on social media, which will allow us to identify volunteers from the surrounding areas to help in making this project successful. PROJECT PLAN OUTLINE IS GIVEN IN APPENDIX A (attached).



• **Sustainability Statement:**

Silver Oaks Schools & College is an institution for foundation building of children, from middle income or lower middle income families, with the singular intent of educating and developing as “our own” while focusing on developing quality enlightened leaders of tomorrow. Our philosophy demands focus on personality building embedded in values while preparing learners on skills needed for “Effective Global Citizenship” and life-long wellbeing. Conversely, we have an embedded focus on holistic education and nurturing well-rounded individuals for a better tomorrow – our execution success in achieving these learning outcomes is reflected through Silver Oaks winning 9 International School Awards in 2015. (www.silveroaks.edu.pk)

SUBJECT EXPERTISE:

Over the period, we have developed and implemented various environmental projects as part of our unique Global Citizenship Program, for learners, which is formally taught and supported by original research.

TRAINING EXPERTISE (EXTERNAL REFERENCES):

1. The British Council Funded Training:

Understanding our interest and seriousness in developing staff, in 2014, The British Council, partnered with Silver Oaks School (the only pure private-sector enterprise they have ever funded for training) to impart Leadership Skills Training Program for educators and educational leader. The program ran from April 1, 2014 to March 31, 2015. Under this program, we successfully completed 28 training days x 305 participants = 8,540 training days in 2014/15 alone. This became a poster-success project for The British Council who then renewed continuation and expansion of the program for the year 2015/2016. 80% of Year 2 of the program has already been completed. Project Reference: Syed Khawar Abbas (Project Manager-Schools, British High Commission, Diplomatic Enclave, Ramna 5, Islamabad); Email: Khawar.Abbas@britishcouncil.org.pk; Tel: +9251-111- 424424 Ext: 5210; Cell: +92301 8562363)

2. Nestle Global Healthy Kids Program – Curriculum Training Partner:

Silver Oaks is the ONLY partner of Nestle Globally that has worked on developing and implementing age-wise taught curriculum on Health, Nutrition & Physical Education for Primary & Middle School. Seeing the work we did, our experience was shared by them globally, as a case study (<http://www.healthykids.org.my/index.php>), and subsequently adopted to change their value offering.

Based on the above, we have: (a) Subject expertise developed internally and validated through internationally published research findings; (b) Funded partnership track record with two global institutions.



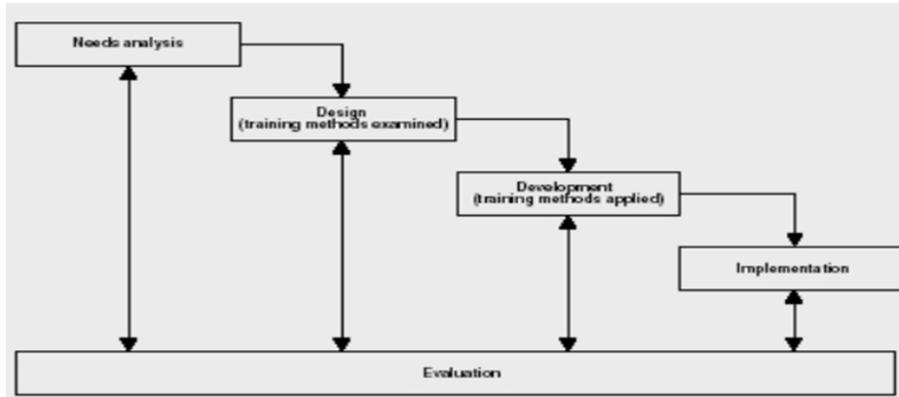
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APPENDIX A: PROJECT PLAN OUTLINE



(1) Project Duration:

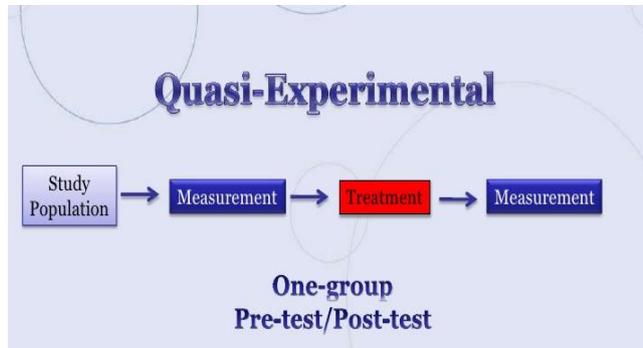
- The duration of the project will be 11 months (approx. 1year), starting from July 2016 till May 2017;
- Capacity building sessions will be planned in August, 2016, December, 2016 and April, 2017;
- Final report of the project will be submitted in June 2017.

(2) Project Evaluation:

Quasi-experimental design will be used to conduct the project evaluation with the help of pre and post-tests. Impact measurement report will be prepared after every session and final evaluation will be done in June.

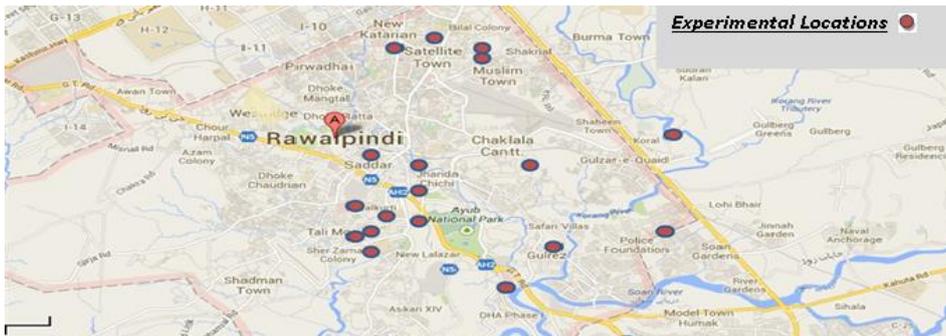
Operational transparency will be ensured by:

- (1) Sending the implementation schedules including all the relevant details;
- (2) Impact evaluation report, based on technical quantitative testing will be sent after every stage of capacity building sessions to report the progress of the sessions and their impact;
- (3) Proactively managing information for reporting purpose through: (a) All the evidences and proofs will be kept in record; (b) Final report will be submitted with the research evidences of the improvement in the individuals trained; (c) All evidences will be attached with the final report in the form of a CD.



(3) Project Location(s):

Project activities will be conducted at 18 different locations in Northern Punjab, Rawalpindi, Pakistan



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(4) Project Activities & Implementation Timelines:

Capacity building sessions will be conducted in three sessions with the same beneficiaries. The project is a year-long with practical activities like organic gardening, plantation, liter cleanup, water conservation etc.

Month	S. No.	Key Activities, Milestones and Deliverables - CHALLENGING CLIMATE CHANGE THROUGH EDUCATION/CAPACITY BUILDING
July	1	Training content research & design
	2	Finalizing the data collection questionnaire to measure impact
	3	Identifying the master trainers to deliver content
	4	Finalizing the dates of sessions (to be held in August) with the master trainers & learners
August	1	Training of trainers (to equip master trainers)
	2	Campus level training of staff members at 18 different locations by the master trainers
	3	Pre-test data collection questionnaires to be filled by the learners
	4	18 training sessions to be held at various locations at 18 different schools (Climate Change Mitigation & Adaptation) – Focus on Mitigation Techniques
	5	Post-training data collection questionnaires to be filled by the learners
September	1	Evaluation of training sessions
	2	Feedback to be noted for incorporation in the next training sessions
	3	Follow up activities to be designed (tree plantation, organic gardening, liter clean up, recycling)
October	1	Preparation of training report
	2	Follow up activities (tree plantation, organic gardening, liter clean up, recycling) will be implemented
November	1	Feedback from last training sessions to be incorporated in the next training sessions' content
	2	Training content research & design
	3	Preparation of impact report of follow up activities
	4	Setting up the dates for next training sessions
December	1	Finalizing the data collection questionnaire to measure the impact according to the reviewed content
	2	18 training sessions to be held at various locations at 18 different schools (Climate Change Mitigation & Adaptation) – Focus on Adaptation
	3	Post-training data collection questionnaires to be filled by the learners
January	1	Evaluation of training sessions
	2	Feedback to be noted for incorporation in the next training sessions
February	1	Preparation of report
March	1	Feedback from last training sessions to be incorporated in the next training sessions' content
	2	Training content research & design
	3	Finalizing the data collection questionnaire to measure the impact according to the reviewed content
	4	Setting up the dates for the training sessions with the partner organizations
April	1	18 training sessions to be held at various locations at 18 different schools (Climate Change Mitigation & Adaptation) – Focus on action plan preparation for steps to be taken in future
	2	Post-training data collection questionnaires to be filled by the learners
May	1	Evaluation of training sessions
	2	Preparation of final report
June	1	Submission of final report and case study

(5) Estimate of Project Budget/Costs/Resources:



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Human Resource:

- Project Director & Content Developer
- 18 Master Trainers

Materials:

- Training Material
- Training Facility

Financial Resources:

Activity	Unit Type	Unit No.	Unit Cost	Total Estimated Cost	Funds required	Funds required
A. Project Cost **			PKR	PKR	PKR	USD
Project Director's Salary	Staff Salary	11 Months	50,000	50,000 x 11 = 550,000	550,000	5,339
18 Staff (18 Master Trainers)	Staff Salary	18 People x 11 Months = 198	15,000	15,000 x 198 = 2,970,000	2,970,000	28,835
Training Sessions – Logistics Cost	Logistics	18 (Staff)	725	18 X 725 = 13,050	13,050	127
Training Material	Material	1 Master trainers' training + 18 x 3 Learner's trainings	5000	55 X 5000 = 275,000	275,000	2,669
Total Funds Required					Rs.3,807,910	\$ 36,970
B. Other Cost ***	Funding Commitment by Silver Oaks					
Training Facilities & Utilities	Infrastructure	<i>To be borne by Silver Oaks Schools & College (Silver Oaks is going to contribute \$18,530 to this project.)</i>				
Expenses for the campus level training of the staff members	Human Resource/Material/Infrastructure					

(6) Project Partner/s & Sustainability of the Project:

We are looking to partner with Nestle & Project WET to develop the content of the training/capacity building sessions, and with Green Living lobby organization to help us with the awareness campaign, following this pilot project completion, to help in organizing follow up sustainability campaign.

(7) Measurement of Outcomes/Success & Sustainability:

Outcomes and success of the project will be measured with the help of data analysis after data collection via pre & post-tests & interviews. After determining the success of the pilot project and measuring its outcomes through a quantifiable process this project will be scaled and launched for sustainability campaign with the help of our partners i.e. Nestle, Green Living and Project Wet.

(7) Project Results & Communications:

Final project results will be compiled in the form of case study and will be used to display the project success. All the methodologies and other material linked to the project will be shared with the organizations expressing interest in replicating the approach.

