**WAZA Nature Connect**

**Grant Application Form**

**Nº.1: June 2017**

WAZA is excited to announce the launch of its new Nature Connect Grants program to develop initiatives that inspire kids and their families to connect with nature and take action to support its conservation.

These grants are made possible through the generous support of the Disney Conservation Fund and the expertise of the International Zoo Educators Association.

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| **Project Title:**  *Maximum 12 words* | **Banyak anak, banyak karang – Many kids, many corals** |

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| **Name of WAZA Member Institution applying for grant.**  (current WAZA membership is a prerequisite for this grant) | **Zoo Liberec** |
| **Project Lead/Primary Contact** | **Tomas Ouhel, M.Sc** |
| **Job Title/ Position** | **In-situ project coordinator** |
| **Address** | **Lidové sady 425/1**  **460 01 Liberec 1** |
| **Country** | **Czech Republic** |
| **Email** | **ouhel@zooliberec.cz** |
| **Phone Number**  (please include country code) | **+420 774 161417** |

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| **Are you a current IZE Member?** | **X** | **Yes** |  | **No** |
|  | *To join visit:* <http://izea.net/membership/> | | | |

**This Funding Round is ONLY for Projects that run between July 2017 – May 2018**

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| **Amount Requested** |  | **5’000 CHF**  **(Swiss Francs)** | | **X** | **10’000 CHF**  **(Swiss Francs)** | |  | **15’000 CHF**  **(Swiss Francs)** | |
| *Projects requesting 15’000CHF or 10’000CHF must also submit budgets that scale the request back to the lower grant levels.* | | | | | | | | | |
| **Project Start Date** | **October 2017** | | **Project End Date** | | | **April 2018** | | | |
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| **Project Location**  *List all cities, states, territories, countries, etc. that your organization will engage through this proposed program.* | **Banyak archipelago, Aceh Province, Indonesia: This area has approximately 6500 inhabitants and only one city called Balai** | | | | | | | | |
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| **Project Personnel:**  *List project personnel/organization/title and their role in the project.* | **Zoo Liberec: Tomas Ouhel – Project coordinator**  **Lestari NGO: Tereza Svejcarova, Jakub Kvapil – Project assistants**  **BKSDA (local conservation authority): Kliwon Mhd – Project supervisor** | | | | | | | | |

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| **Project Description:**  *Provide a concise description of your project that you would want us to use to summarize your work should we provide funding. Maximum* ***500-character*** *limit.* | **The Banyak archipelago is situated off the west coast of Sumatra and consists of more than 70 small islands with a population of about 5000. The islands are surrounded by coral reefs representing the main source of livelihood for the local communities. The marine ecosystem in this area supports many endangered species such as hawksbill turtle, giant clam or dugong and is probably the most important turtle nesting site in western Indonesia. Due to destructive fishing practices – blast and poison fishing, coral excavation, overfishing and pollution, extent coral reefs are dwindling. Zoo Liberec aims to support local communities in preservation of the unique fragile environment by establishing community coral reef gardens and family educational events. Children and their parents will have the opportunity to help creating coral nurseries and participate in restoration and conservation of coral colonies and the complex reef ecosystem. This will not only help finding the lost balance of marine habitat, but also help local fisheries and food security and create job opportunities alternative to fishing such as eco – tourism. Local youth and their parents will be trained in coral restoration, marine biology, conservation and sustainable use of marine resources. Emphasis will be laid on the awareness of pollution, overfishing and prohibited fishing techniques. The whole project will be focused on creating a strong bond between families and the environment. Parents will assist their kids in collecting (cutting) coral fragments, creating a substrate for planting them in a coral nursery and later transplanting them back to coral reefs, re-establishing coral community (Epstain N., 2001). Each family will be able to watch the progress of their own family coral garden. By protecting and restoring coral reefs, exploited fish stock, essential for food supply on the archipelago, can be revived. Project can also have a major role in growing eco-tourism efforts.** |

**Background on your Zoo or Aquarium’s educational / community engagement programs:**

*We expect the WAZA Nature Connect project for which you are applying for funding to fit into a larger program of education work / community engagement run by your zoo or aquarium. Please provide background on the educational / community engagement work your zoo carries out, the community you serve, any broader kids and nature initiatives being led by your organization, and short-term and long-term goals of your overall program, not just the project to which you are applying for funding here.*

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| **Zoo Liberec has long history in community engaged conservation projects and we are considered as one of the leading organization in the region of East Europe. Besides being the office of new upcoming EAZA conservation Campaign Silent Forest we have many own brand conservation and education projects all around the world. Currently our focus is not only in passive supporting insitu activities of third parties, but we have several field zoologist and educators in field. For more than 5 years we are active in Philippines, where there our employee Mr. Pavel Hospodarsky associated with local NGO Talarak, besides breading critically endangered West Visayan endemics is also leader in the Danyugan education project. Danyugan education work camps hosts local children mixed together with the richest children from Manila and connects them in this unique program of eco conservation. Zoo Liberec took a key role of success of NGO Kedjom Keku and helped to facilitate the building of Mountain Misty School in Cameroon. This school by providing the education helps local people to stay high up in the mountains and restore the forest with multi forest-friendly agriculture opportunities provided, such as bee keeping, which requires the existence of forest. One of our leading projects is the Kukang rescue center, for rehabilitation of slow lories in Sumatra (Indonesia). This animal welfare and releasing project wouldn’t work so successfully if the key part of education would be missing. Our educator’s works with local kids in release sites does fantastic job in changing the mind set of local villagers in order to have children closely related to the primates living in neighboring forests. Our coral gardening project seamed to be the natural follow up of our conservation activities in Banyak Archipelago, where we support rangers who are protecting the island of Bangkaru and its multispecies turtle nesting sites.** |

**Project Overview:**

*Please describe the specific project you are requesting WAZA Nature Connect to fund this period (June 2017-May 2018) including main objectives. Explain the timing of the project, whether it is program based (where participants commit to a series of events) or event based (participants attend on a one off basis) and how often it is offered.*

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| **This project is entirely new. (Y/N)** | **Y** | **This project is extending an existing project (Y/N)** | **N** |  |

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| **Zoo Liberec and its local employees will construct 4 different underwater sites for coral reef gardening. These sites will be constructed in nearby shore of 4 schools in the Banyak Archipeago. The site location is very important for the success of the coral growth and we will have on site coming expert fro Adelaide University in Australia to help us with the construction placement. Once the foundation will be constructed we will have an introduction workshop in each school and will start the 6 month competition. Each school will have approximately 25 competitors who will have their coral lot. Kids will regularly visit this coral lot and their parents and kids will take care of it. There will be every week education activity in all schools related to the marine ecosystems. Kids will take underwater footage and photos and they will also learn how to make a video shots and place them on the project YOUTUBE canal. After 6 month of coral growing we will have the competition celebration with small ceremony. This will go on every ½ year with the minimum of 2 years period until the actual evaluation of 2 year project. Every corals growing successfully will by placed into the new big reef where much of the corals were destroyed already, but the local community has agreed on claiming it the protected area. People were using corals for many different purpose such as building houses foundation etc. , by the coral reef gardening we would like to tide them up again to the connection between the ocean corals and local villagers. Even thought beside 1,5 employment there is not much of material benefit for the community, we are very surprised how much the project is required by locals.** |

*Please use this Gantt chart template to help illustrate your project timeline:*

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| **Milestones** | **Jun-17** | **Jul-17** | **Aug-17** | **Sep-17** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr -18** | **May-18** | **Jun-18** |
| Grant awarded |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Preparations |  |  | X | X |  |  |  |  |  |  |  |  |  |
| Constructions |  |  |  |  | X |  |  |  |  |  |  |  |  |
| Gardening/Education |  |  |  |  |  | X | X | X | X | X | X |  |  |
| **Project completed** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Report Submitted** |  |  |  |  |  |  |  |  |  |  |  |  |  |

*Note – projects* ***must*** *be completed at the latest in May 2018. Final Reports must be submitted to* [conservation@waza.org](mailto:conservation@waza.org) *by 20th June 2018*

**Target Audience and Reach:**

*What is the target audience for your project? (age, socioeconomic group, location). How will you recruit and engage participants? How will you engage parents/adult mentors in your project so that these activities can continue outside the scope of your project?*

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| **Project is focused on the entire community living in Banyak archipelago with a particular focus on children up to the age of 15 and their families. The Banyak archipelago is a very poor region; locals are mainly fishermen dependent on marine resources. Zoo Liberec is engaged in a third party conservation project in the location and its activities are widely appreciated. Engagement will be primarily done through the educational institutions. Locals are aware of the growing opportunity of eco tourism and are very receptive of new information and professional guidance.**  **In the table above we have marked only 100 children as a main target group, but it refers only to the actual competitors and not to the children, which will attend education workshops. Totally it could be more than 400 children. But every ½ year will compete 100 different children.** |

**Which age groups will you we targeting?** *(fill in all that apply)*

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| --- | --- | --- | --- | --- | --- | --- |
| **Age group** | **<5** | **5-8** | **9-11** | **12-14** | **15-18** | **>18** |
| **Approximate Numbers** | **0** | **0** | **30** | **70** | **0** | **0** |
| **Approximate Percentages** | **0** | **0** | **30** | **70** | **0** | **0** |

**Contact with Nature:**

*Describe the outdoor experiences you will provide. How will you engage your audience in multisensory and immersive experiences of nature? What will you do to break down any barriers that might make your audience reluctant to engage with nature.*

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| **It is curtail for this project that children and their parents will get in touch the underwater world for their first time upside down. Until now the community has been only taking advantages of the ocean and now the will become a part of coral restoration. It may sound like a cliché, but we are discussing with local people the project for more than year and the minority understands this already that there is a need for the action. The conscious minority has encouraged us to start develop the idea till the stage where it is right now. The actual touch at the coral gardening may actually change a lot in people mindset and we are very optimistic in seeing the outcome of it.** |

**Sustainability:**

*Please describe how you expect the program to continue once the period of the grant is over. Have you identified matched funding or partners that would allow you to continue and to further develop this project after the initial funding period is over? And/or will your facility continue to support these efforts?*

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| **We have two different sources of follow up fundraising and we are very proud of the second one especially. Main constructions and equipment will be funded by WAZA (with great thanks to Disney fo.) and after the ½ year of project running we will need a budget of aproximattely 2.000 - 3.000 Euros/year only to run it. We have an agreement with local community that if it will go successfully we will share the budget 50%/50% with them. Local Balai city mayor has agreed on putting approximately 1000 Euro into the project every year. We believe it is the fundamental milestone of project sustainability and we would like to multiple it in other parts of Indonesia and leave this after 2 years on the community itself management.** |

**Project Outcomes:**

*In your final report, you will need to provide quantitative data demonstrating number of experiences provided, number of individuals of different age groups engaged in these experiences, how long they engaged with the experiences (on average). We would also like you to collect data (qualitative and preferably also quantitative) on the impact these experiences might have had on participants’ awareness of the benefits of time in nature and their commitment to spending more time in nature.*

*The table below gives a list of the data that we will request. Please use this area to provide us with targets/estimates illustrating the scope of your proposed project.*

*At the end of this section you can add any additional metrics relevant to your project that you feel are missing from our list (please do not exceed 5 additional metrics and be sure to include a unit of measurement).*

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| **Metrics**  *You will be asked to report on these in your final report. If you don’t feel these metrics are appropriate to your project please explain why in the box below this table* | **Targets for your Nature Connect Project**  *Please split into age groups where ever possible.* |
| **High Impact Nature Experiences:**  *These are immersive experiences (time spent hands on, outside in nature) with a knowledgeable facilitator and often recurring.* | *Approximate number of experiences that will be delivered, number of individuals reached and the average time individuals will be engaged*  ***100 Kids (30 % 9-11y, 70 % 12-14y)*** |
| **Other Nature Experiences:**  *These experiences connect kids with nature and include “get outside” messaging to encourage kids and families to spend more time in nature.*  *These experiences do not need to include a facilitator (may be self-led), are often not regularly recurring, and often reach a broad audience. E.g. 1-day nature festival at a community park, self-guided nature trail etc.* | *Approximate number of experiences that will be delivered, number of individuals reached and the average time individuals will be engaged*  ***400 Kids***  ***2000 Adults*** |
| **Change in average Weekly time spent out in Nature:**  Please collect data on the time participants are reported to spend out in nature BEFORE engaging with your program and AFTER.  *We realise this longitudinal data may be difficult to collect within the time period however we would be grateful for any baseline data you can provide and any follow-up studies you undertake.* | *Provide any information you have on baseline exposure of target audience to nature. What change, if any, will you hope to achieve through your program?*  ***Estimation of 100 kids maintaining coral gardain twice a week*** |
| **Awareness**  How many individual people do you anticipate will be made aware of the benefits of spending time in nature through your program? | *How many people have learned why it is important to get outside and how to spend quality time in nature/ what to do outside?*  **MInimmaly 300 kids who would look forward to compete in next terms** |
| (Optional: Create your own metric(s); Please limit to 5 additional metrics.) | **We would like to make a questionare before and after about the importance of coral reefs to the community.** |

**How will you gather data for the metrics reported above and evaluate the impact of your program?**

*Include any methods you will employ to evaluate the outcomes/impact of your program.*

**Number of children and adult participating on the program will be recorded same as number of corals collected and planted in the nurseries.**

**Budget:**

*Using the template provided, please provide a detailed budget for the project.*

*Funding may be used for materials, equipment, staff salaries and benefits (only for new or newly assigned staff), transportation, training for staff and or community partners, travel, meetings, marketing and promotion etc.*

*General-support overhead should not be more than 10% of budget. Please ensure that any item referred to in the budget is mentioned somewhere in the project narrative.*

*Each institution may apply for funding at the 5’000CHF, 10’000CHF or 15’000CHF level. A detailed budget justifying specific costs must be included. Projects requesting 15’000CF or 10’000CHFmust also submit a budget that scales the request back to the lower level(s).*

**Budget Justification for 5’000CHF Grant**

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| **Budget Item**  *Provide detailed description* | **Unit Cost** *(CHF)* | **Units** | **Total** *(CHF)* |
| *Local transportation costs for kids from distanced islands (boat operational)* | *500* | *1* | *500* |
| *Local coordinator - new Staff (monthly salary)* | *250* | *8* | *2000* |
| *Diving equipment for constructions and snorkeling equipment* | *500* | *1* | *500* |
| *Construction materials, metal, concrete, screws, etc.* | *1000* | *2* | *2000* |
| *Children notepads - workbooks, pencils and books* | *20* | *50* | *1000* |
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| NOTE: Reminding 1000CHF reminding to 5000 CHF budget will be collected from the community or donated by local authority – has been already pre- confirmed |  |  |  |
| *TOTAL FUNDS REQUESTED* | | | *6000* |

**Budget Justification for 10’000CHF Grant**

*Projects requesting 10’000CHF must also submit a budget that scales the request back to the 5’000CHF. In the event that the project cannot be funded at the 10’000CHF level, it may be funded at CHF 5’000.*

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| **Budget Item**  *Provide detailed description* | **Unit Cost** *(CHF)* | **Units** | **Total** *(CHF)* |
| *Local transportation costs for kids from distanced islands (boat operational)* | *500* | *1* | *500* |
| *Local coordinator - new Staff (monthly salary)* | *250* | *8* | *2000* |
| *Diving equipment for constructions and snorkeling equipment* | *500* | *1* | *500* |
| *Construction materials, metal, concrete, screws, etc.* | *1000* | *4* | *4000* |
| *Children notepads - workbooks, pencils and books* | *20* | *100* | *2000* |
| *Transport costs for local authorities and supervisors and volunteers* | *1* | *200* | *200* |
| *Educator from local community (½ sallary)* | *100* | *8* | *800* |
| *TOTAL FUNDS REQUESTED* | | | *10000* |

**Budget Justification for 15’000CHF Grant**

*Projects requesting 15’000CHF must also submit a budget that scales the request back to the 10’000CHF and 5’000CHF. In the event that the project cannot be funded at the 15’000CHF level, it may be funded at one of the lower levels.*

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| **Budget Item**  *Provide detailed description* | **Unit Cost** *(CHF)* | **Units** | **Total** *(CHF)* |
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| *TOTAL FUNDS REQUESTED* | | |  |

**Literature Cited:**

*If referencing other scientific work in your proposal, please include relevant literature citations here in alphabetical order.*

*Epstein, N., Bak, R. P. M. and Rinkevich, B. (2001), Strategies for Gardening Denuded Coral Reef Areas: The Applicability of Using Different Types of Coral Material for Reef Restoration. Restoration Ecology, 9: 432–442. doi:10.1046/j.1526-100X.2001.9*

**Please email your completed application to** [**conservation@waza.org**](mailto:conservation@waza.org) **by 24:00GMT on 30th June 2017**