

A photograph of two children in a library. On the left, a young boy in a blue school uniform is looking at a stack of colorful children's books on a table. On the right, a young girl in a yellow and white school uniform is reading a book. The background shows wooden bookshelves filled with books.

# Education for Sustainable Development

Monitoring and Evaluation  
In ESD Assisted Schools

# Habitual change after ESD Intervention

## Impact of ESD in Teachers' Thinking or Behavior

- ▶ Curriculum K13 encourage behavior intelligence
- ▶ Through ESD program, it has changed the behavior of teachers in teaching methods to accommodate environmental issues in curriculum
- ▶ Everytime teachers distribute student's report progress, they make socialization about the importance of sustainable development and provide best students with tree's seeds.
- ▶ Teachers now like to plant the trees
- ▶ Teachers harness technology in their teaching activities, such as power point
- ▶ Teachers join some trainings in increasing their capacity in teaching methods
- ▶ Still need improvement to encourage teachers to read books
- ▶ Local people starts to use resource center to borrow and read books

# Habitual change after ESD Intervention

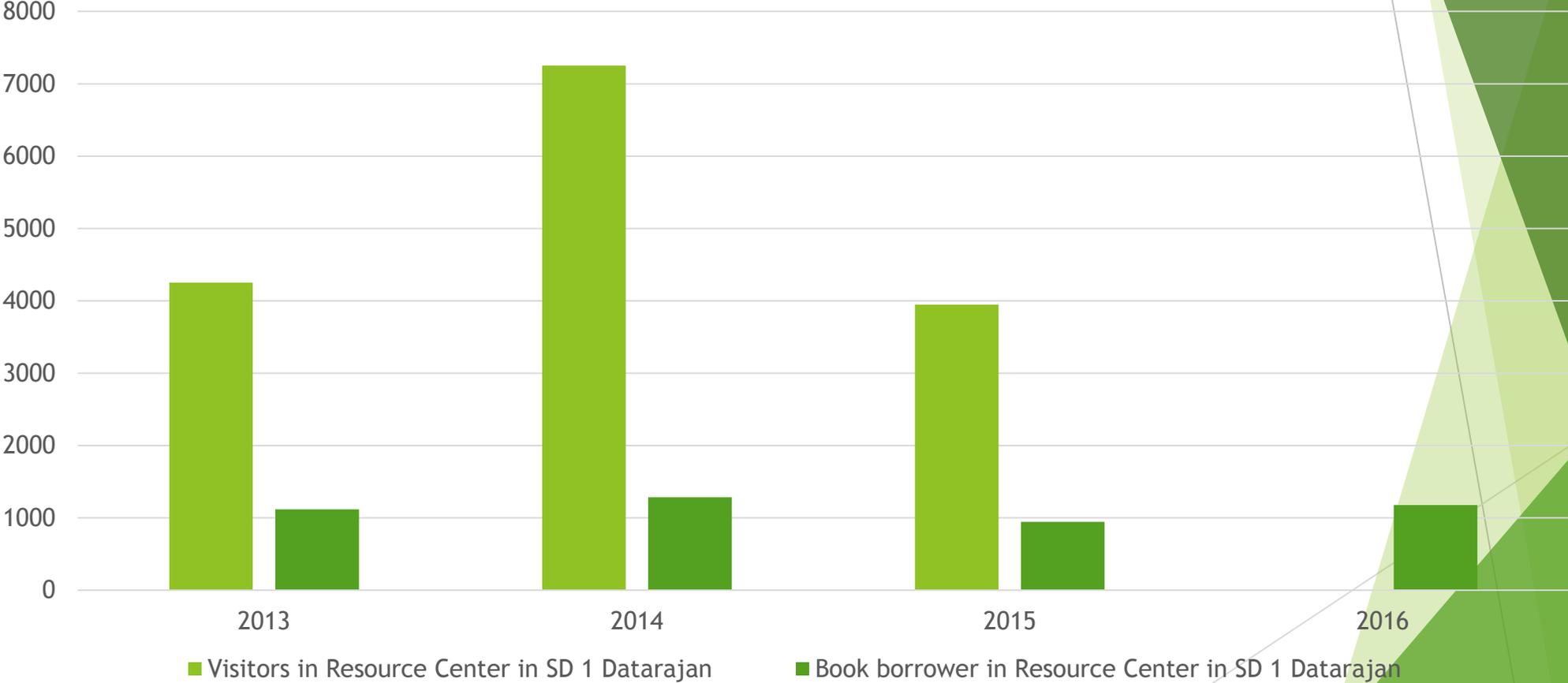
## Impact of ESD in Students' Thinking or Behavior

- ▶ Students sort the waste (organic and non-organic at schools and at home)
- ▶ Students have the ability to make compost, paper recycle
- ▶ Encourage successfully the students to read books
- ▶ 10% increase the student's awareness about environmental issues (*based on teacher's statement*)
- ▶ Students routinely plant trees and vegetables at schools and at home
- ▶ They understand why we need to conserve the environment
  - to keep environment clean, fresh, and green
  - avoid the diseases
  - as a source of oxygen*(interview with students)*

# Samples of Waste Use and School's Garden



# Visitors and Book Borrower to Resource Center in SD 1 Datarajan



# Solar Lamp

Strengthen the understanding of students regarding with solar lamp as renewable energy

- ▶ Harness the solar as a source of electricity
- ▶ It is used in order to reduce the use of unrenewable energy
- ▶ Sustainable energy
- ▶ Easy to use, cheap, easy to bring

*(interview with students)*

# Benefit of Solar Lamp for Schools

## SD 1 Datarajan

1. On 2015, SD 1 Datarajan was provided 12 solar lamps
2. 10 solar lamps were distributed to each class, 2 others for teacher
3. They use solar lamp for student scout activities and as teaching media, particularly for electricity class (as a sample of renewable energy using)
4. Solar lamp has several advantages → safe, easy to use, cheap, renewable energy (based on interview with students)
5. Solar lamps are in good condition

# Benefit of Solar Lamp for Schools

## SD 2 Karangrejo

1. On 2015, SD 2 Karangrejo was provided 15 solar lamps
2. Solar lamps were distributed to each class and student who does not have electricity at home
3. They use solar lamp for alternative source if power off, and as teaching media, particularly for electricity class (as a sample of renewable energy using)
4. For student without electricity at home (no PLN) → he uses it for studying at night
5. Solar lamp has several advantages → easy to use, no fuel, cheap, wireless, renewable energy (based on interview with students)
6. Solar lamps are in good condition

# Sub-Grant for Schools

## SD 1 Datarajan

- ▶ Improving the resource center for repairing library's infrastructure,
- ▶ buy 10 bookcases,
- ▶ wall poster (information media),
- ▶ improve the school's garden

## SD 2 Karangrejo

- ▶ Reading garden,
- ▶ westafel,
- ▶ trash cans,
- ▶ bookcases, etc.

# Use of Sub-grants for Implementation of Sustainable Development





TERIMA  
KASIH