

ENERGY & SUSTAINABILITY

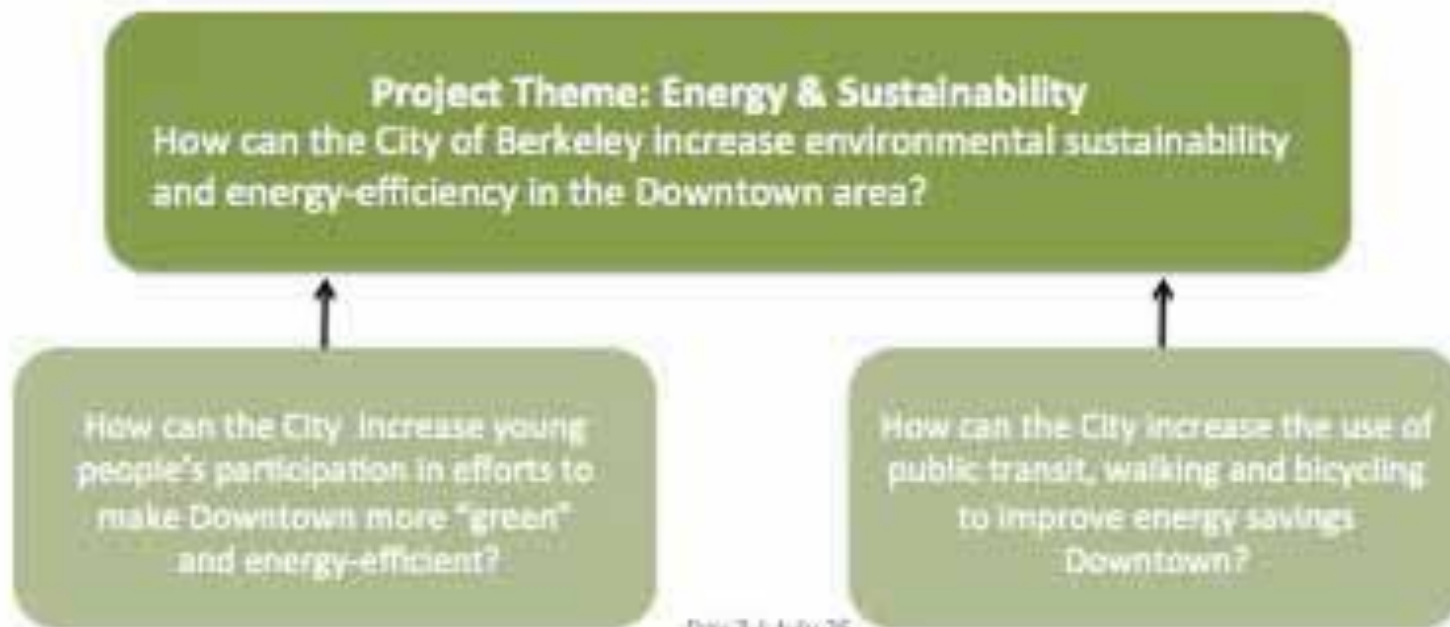
WHAT IS SUSTAINABILITY ?

WHAT IS SUSTAINABILITY ?

If the people of Berkeley enhance the quality of their lives, they will not only become happier but also live longer.

PROJECT QUESTIONS

In small groups you will research ways to address 1 of the questions below. Then your class will create a single presentation of combined recommendations to answer the Project Question.



Day 1 | July 25

INCREASE YOUTH PARTICIPATION

Think about how to increase to occasions for close contacts between children and nature so they can learn about energy and sustainability.● ●



INCREASE USE OF TRANSIT, WALKING AND BIKING

Think about using buses and bicycles in Berkeley

Find Your NextBus Our Customers About Us Contact Us



**Find Your
NEXTBUS
Now**

Next San Francisco Muni
1-California bus in:

2 minutes
8 minutes

10:24AM August 03, 2012

Select Your
Transit System

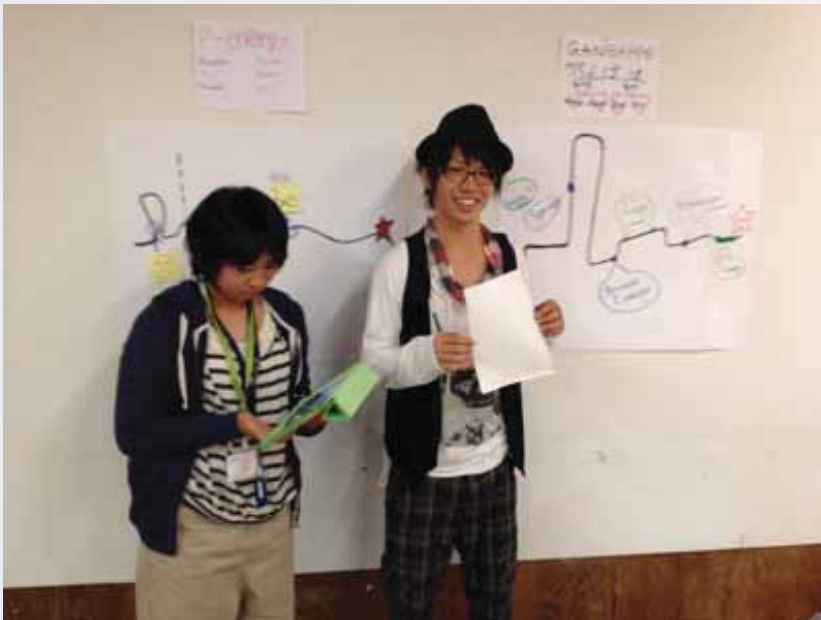
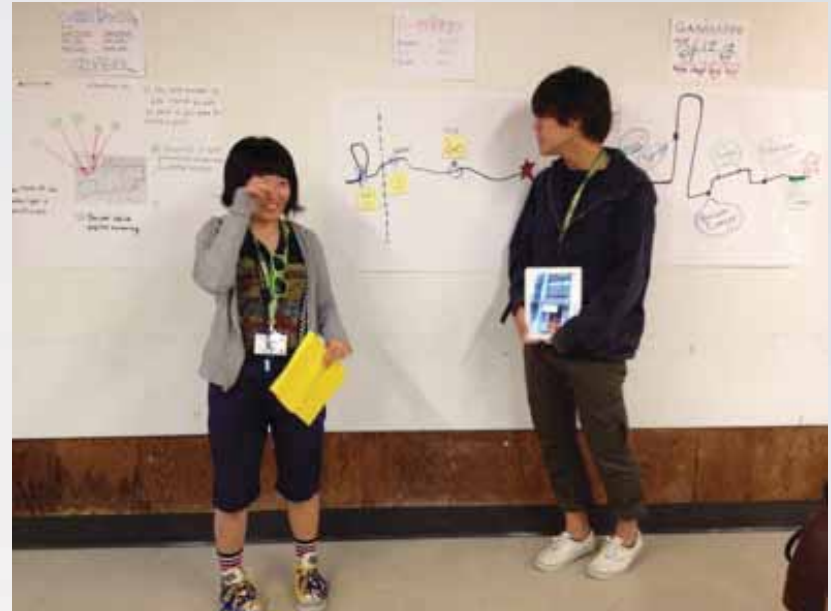




SITE VISIT TO PROJECT AREA: DOWNTOWN BERKELEY



MAKE TEAMS

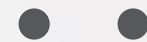


COMMUNITY MAPPING



MATT SCHREIBER

Berkeley resident, UC
Berkeley Student, Y-Plan
Program Assistant



INTERVIEW BERKELEY RESIDENTS



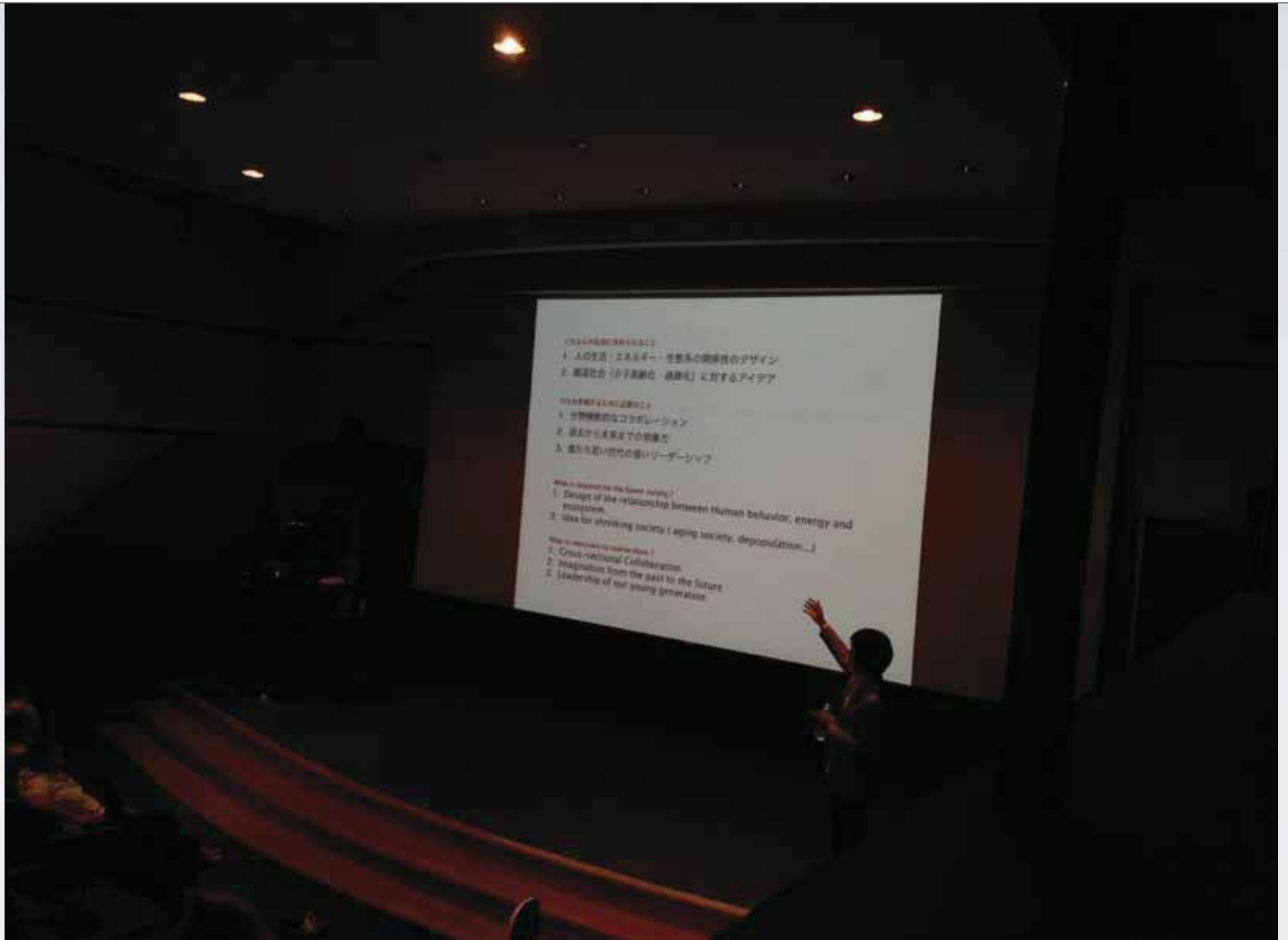
URBAN INSPIRATION TOUR: CHRISSY FIELD



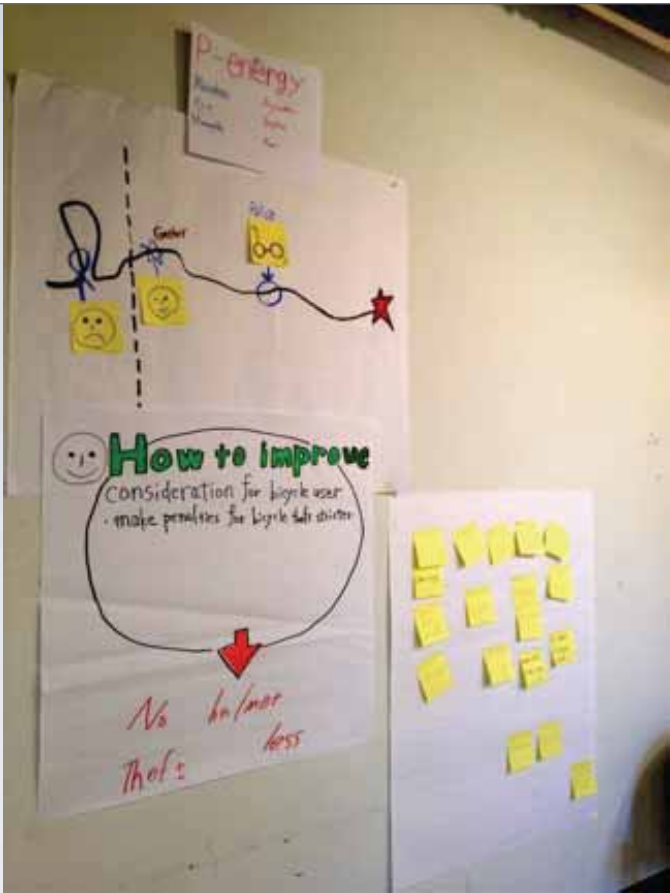
URBAN INSPIRATION TOUR: SPUR



URBAN INSPIRATION TOUR: CITY HALL



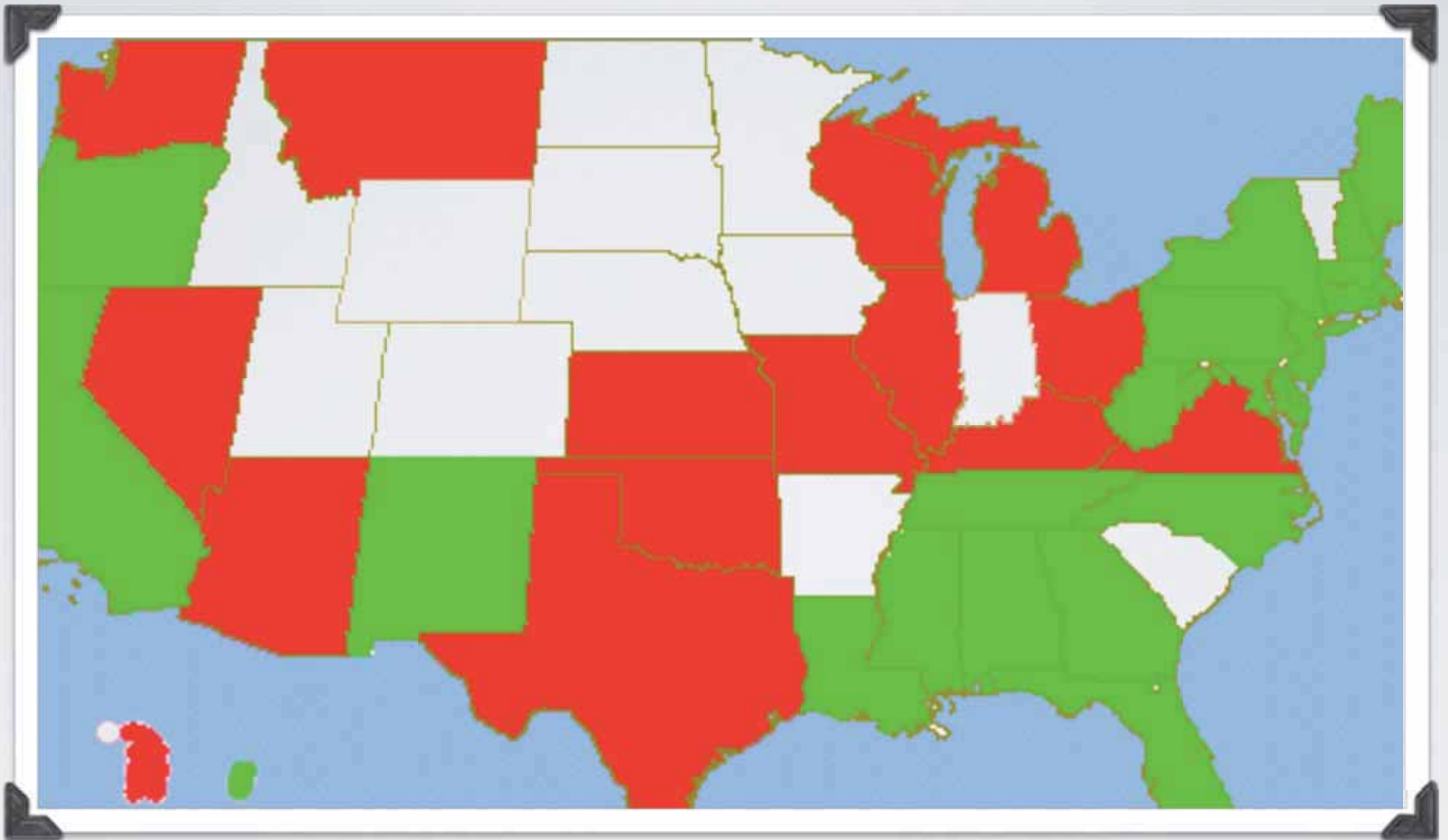
GUEST SPEAKERS:
DANA BUNTROCK, NORIHISA KAWASHIMA & SHIRL BUSS



CHARETTE



Rules for wearing helmet



Map of the United States mandatory bicycle helmet laws.(Data of 2010)

Yes! Free
bike



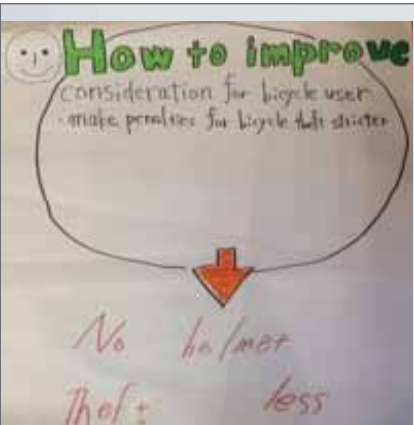
Theft



Many accidents between cars and bikes



In the U.S. there are only a few bicycles with basket unlike in Japan



GOOD

We can enjoy nature while riding bicycles.

Being able to park your bicycle anywhere

BAD

Safety for pedestrians.

Lots of theft.

We compared the good points and bad points in thinking of ways to improve the environment for biking



Rent and share bicycles



Improve streets for pedestrians
and bicycles

Result

- Leads to energy savings, can prevent global warming
- Interaction with local people increase the information can be shared



Let's make a beautiful city for walking and biking!



Tuesday, August 7, 2012

A blurred background image of a road with trees and a cloudy sky. The text is overlaid in the center.

HOW DO WE MAKE TRANSPORTATION BETTER IN BERKELEY



Tuesday, August 7, 2012





THE TIME OF THE TRAFFIC LIGHT
SHOULD BE LONGER FOR WALKING







THE BUSES SHOULD
BE ON TIME





Tuesday, August 7, 2012

TO MAKE TRANSPORTATION BETTER:

- THE TRAFFIC LIGHT SHOULD BE LONGER FOR PEDESTRIANS
- THE BUSES SHOULD BE FREQUENT AND ON TIME
- MAKE IT EASIER TO RIDE BICYCLES TO INCREASE NUMBER OF BICYCLE USERS



TO MAKE TRANSPORTATION BETTER:

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Tuesday, August 7, 2012



Tuesday, August 7, 2012

HAVE A GREEN FESTIVAL



HAVE A GREEN FESTIVAL



GREEN FESTIVAL

HAVE A GREEN FESTIVAL



Tuesday, August 7, 2012

USE NATURAL RESOURCES



Tuesday, August 7, 2012

USE NATURAL RESOURCES



USE NATURAL RESOURCES

Use natural resources
This festival can plant trees,
make cake from tea leaves
and make soap from flowers.



USE NATURAL RESOURCES

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USE NATURAL RESOURCES

Use natural resources
This festival can plant trees,
make cake from tea leaves
and make soap from flowers.



Effect

This festival is to let the people
know how importance of the
process of making things by using a
natural resources.



GARDEN

GARDEN



GARDEN



Garden
People who visit a party can
learn how to lay out their
own gardens from this street.

GARDEN



Garden
People who visit a party can
learn how to lay out their
own gardens from this street.



GARDEN



Garden
People who visit a party can learn how to lay out their own gardens from this street.

Effect
People can learn that it is fun to plant and grow flowers and vegetables.





MAKE ART TOGETHER







MAKE ART TOGETHER

CLOTH

PLASTIC BOTTLES



PLANT URBAN FOREST



PLANT URBAN FOREST

A young child with blonde hair is looking at a bouquet of red flowers. The child is wearing a green shirt. The background is a white wall with a red fire hydrant.

Plant urban forest
The youth community can also plant trees during the party to create an urban forest.

PLANT URBAN FOREST

A young child with blonde hair is looking at a bouquet of red flowers. The child is wearing a green shirt. The background is slightly blurred, showing a red object, possibly a fire hydrant.

Plant urban forest
The youth community can also plant trees during the party to create an urban forest.

Effect

Planting flowers and trees in Berkeley on a regular basis allows for enjoyment by youth and the community and reduces carbon



Tuesday, August 7, 2012

A photograph of a university campus. In the foreground, a large, well-maintained green lawn is scattered with fallen brown leaves. A paved path runs along the left side of the lawn, where several people, including students with backpacks, are walking away from the camera. In the middle ground, a wooden bench sits on the path. A large, mature tree with a thick trunk and dense green foliage stands to the right of the bench. In the background, a large, light-colored building with a prominent tower and many windows is visible, surrounded by more trees and a parking lot with several cars. The sky is overcast.

MAKE PARKS

A photograph of a university campus. In the foreground, a large, well-maintained green lawn is scattered with fallen brown leaves. A paved path runs along the left side of the lawn, where several people, some carrying backpacks, are walking away from the camera. In the middle ground, a wooden bench sits on the path. A large, mature tree with a thick trunk and dense green foliage stands to the right of the bench. In the background, a large, light-colored building with a central tower and arched windows is visible, surrounded by more trees and a parking lot with several cars. The sky is overcast.

MAKE PARKS ON THE ROOF TOPS

Two Focus Groups:



Two Focus Groups:

Small Children



Two Focus Groups:

Small Children

Teenager



PLAYGROUND EQUIPMENT



PLAYGROUND EQUIPMENT



Tuesday, August 7, 2012

PLAY EQUIPMENT



merry-go-round

PLAY EQUIPMENT





merry-go-round

PLAY EQUIPMENT





merry-go-round

PLAY EQUIPMENT

slide





merry-go-round

PLAY EQUIPMENT

slide





merry-go-round

PLAY EQUIPMENT

slide

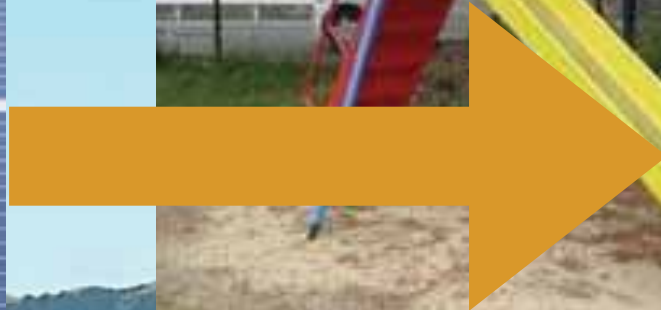




merry-go-round

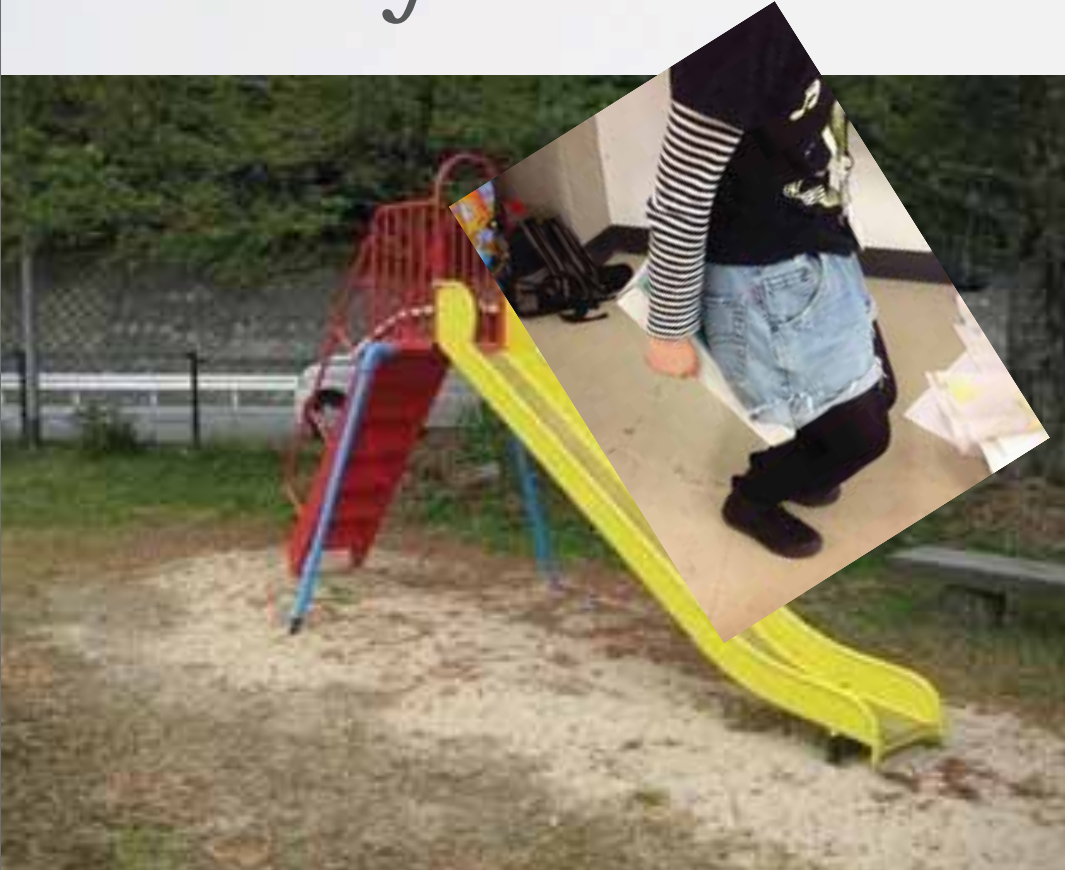
PLAY EQUIPMENT

slide



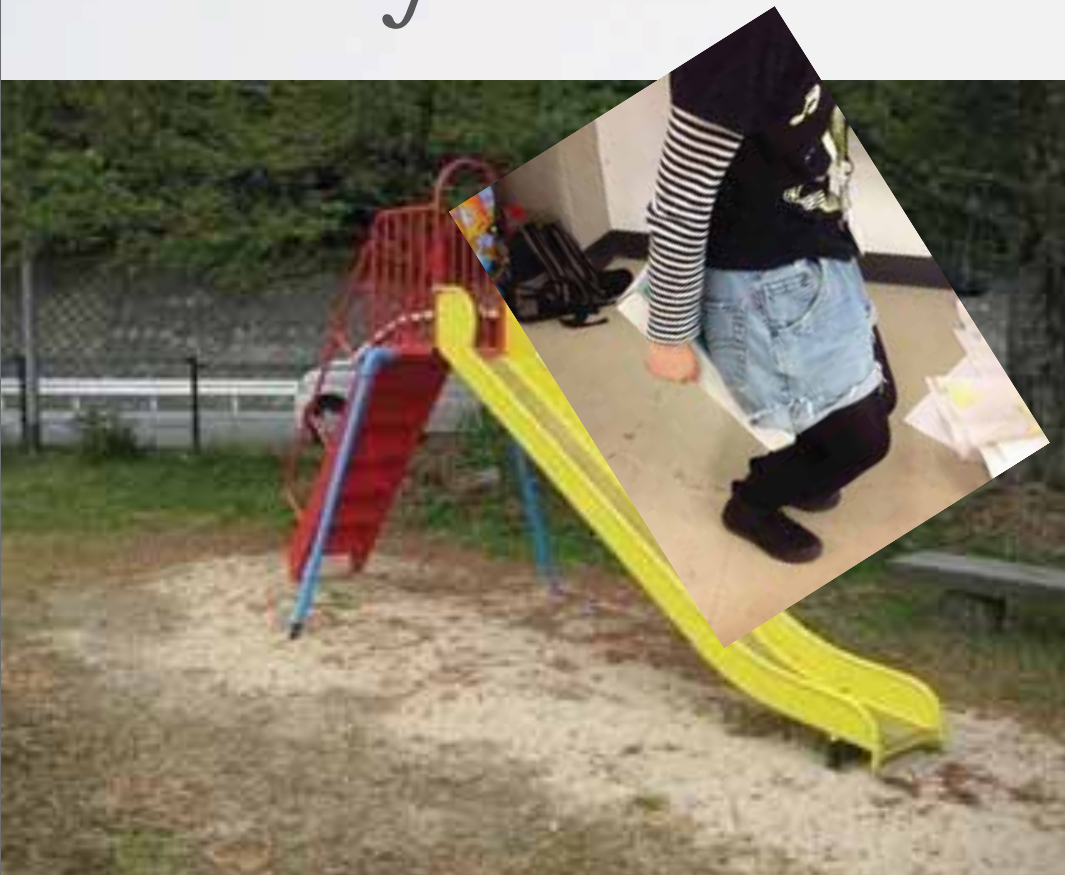
WHY USE

dirty slide



WHY USE • •

dirty slide



WHY USE ● ●

dirty slide



WHY USE ● ●



WHY USE ● ●

beautiful slide





Tuesday, August 7, 2012



Tuesday, August 7, 2012





roof top



japanese park



japanese park



japanese park





Tuesday, August 7, 2012

SOLAR PANEL

The background of the slide is a photograph of a bright blue sky filled with numerous white, fluffy cumulus clouds of varying sizes. The clouds are scattered across the frame, with some appearing more prominent than others. The overall scene is bright and clear, suggesting a sunny day.

SOLAR PANEL



SOLAR PANEL



SOLAR PANEL



A large, leafy tree in a park with people gathered underneath. The tree is the central focus, with its thick trunk and dense canopy of green leaves. In the background, a grassy area is filled with people, some sitting on the grass, others standing. A tent is visible on the left side. The sky is blue with some clouds.

thank you for
listening

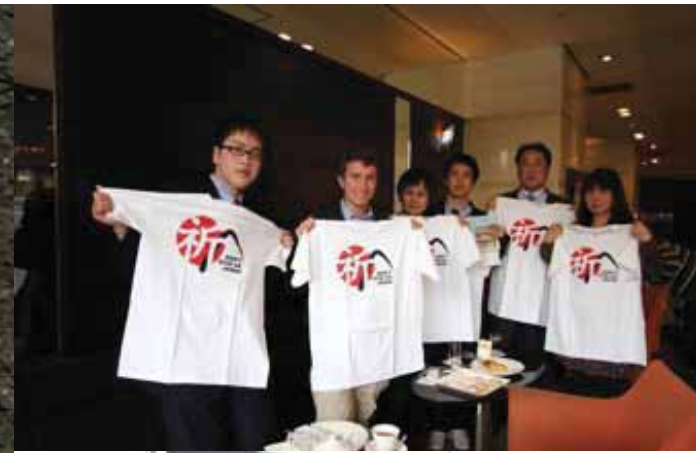


Atsuyuki Watanabe



My home

Fukushima Prefecture
Koriyama City



In Fukushima there are still many areas with high radiation.

There is still misunderstanding and prejudice.

IMPACTS ON THE COMMUNITY



Masayuki Shimoda



Since gas and electricity was not available after the earthquake, it was extremely cold.



MY HOME

Iwate Prefecture, Morioka City



Ayumi Nabana

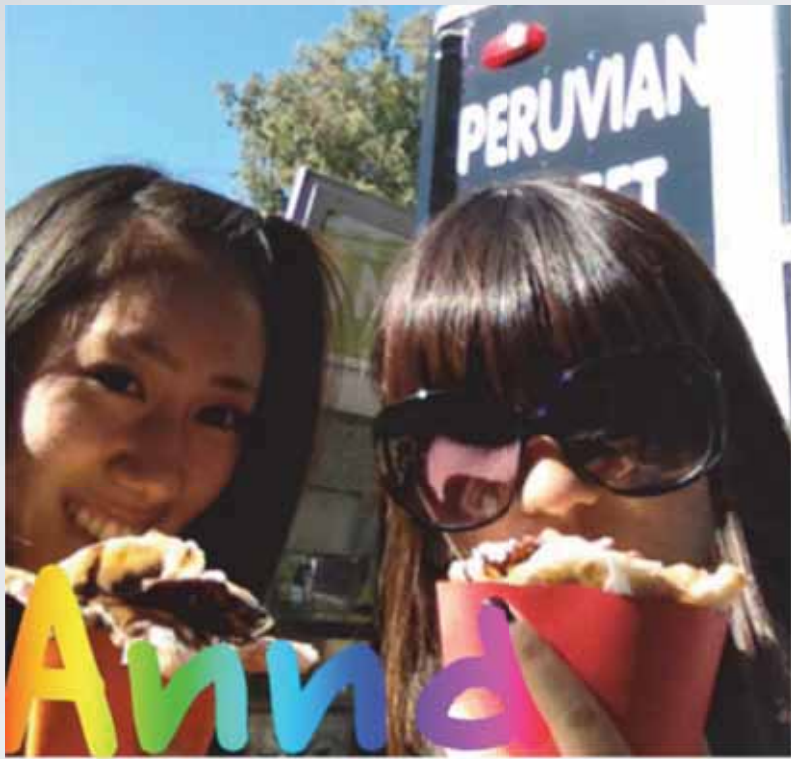


We need to reduce radioactive damage.



HOME

Iwaki Fukushima



Anna Naganuma

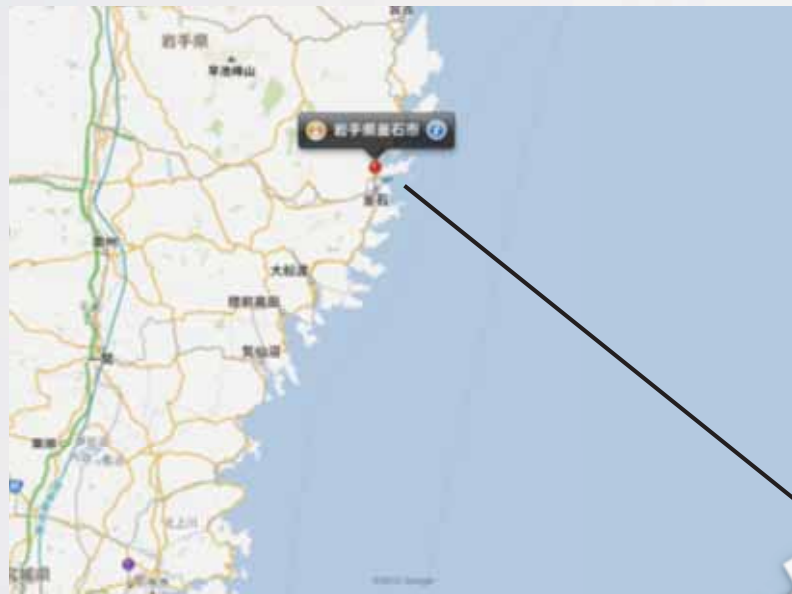


Ishinomaki Miyagi

This is a picture of debris that is being neglected because it is labeled as another community's trash.



Kuga Noda



Kamaishi, Iwate

Sometimes we suffer from having too much water, but other times we suffer from lack of water.

HOME



Reina Takazawa



Sendai Miyagi

There are many temporary houses established now but we need to rebuild our permanent houses.



CHANGES FOR SELF RELIANCE: Ideas and experiences

ALTERNATIVE ENERGY





Mizuki Kumagai



We need to start working on sharing information, reducing nuclear power plants and using more wind and solar power for electricity since they are much healthier and safer.



Iwaki, Fukushima

HOME



Kento Saito



Kesenuma, Miyagi

My home

Electrical backup systems must be developed to ensure the ability to use internet communication during a disaster.



FOOD AND WATER SECURITY



Norimichi Miwa



My home

Sichigashuku, Miyagi

Clean water is scarce
therefore we need to build
water purification kits



Masahiro Kimura



Collecting rainwater
will help conserve our
water resources.



Ishinomaki Miyagi



Shoko Fukagawa



Sendai Miyagi



This earthquake caused a shortage of food and water.

We must be prepared next time.



Hiroto Numakura



Because we have arable land, it was not difficult to grow rice and vegetables.

However, we had no gas or electricity so we were not able to cook.

As a result, we had to prepare food from scratch just like our ancestors.



Tome, Miyagi

My home



I want to grow my own vegetables to prepare for a future disaster.

Higashimatsushima, Miyagi

BETTER COMMUNICATION





Ryo Takahashi



My home

Nachigaoka, Miyagi

We need to share contact information and plan emergency response, to help us during a disaster.



Masahiro Oba



My home



Tagajou, Miyagi

Through the disaster, I thought it was important to help others by exchanging information and sharing food.



HOME

Tagajyo Miyagi

We need to increase periodic neighborhood meetings.



Reiho Go



My home

Fukushima Prefecture
Iwaki City

I want to focus on 3 issues:
temporary housing, increased
lonely death and enhanced
communication abilities.

COMMUNITY BUILDING FOR A SUSTAINABLE TOHOKU





Minami Horie



Sendai, Miyagi

The disaster brought us closer and we should maintain these stronger relationships.

HOME



Taishi Ota



My home

Miyagi Prefecture
Sendai City

I learned the importance of family and of being thankful.



Mayu Suzuki



Ishinomaki Miyagi

I want to volunteer with junior high school students.



Ayaka Murakami



My home

We have to prepare the coast for future disasters.

Iwate Prefecture
Oshu City

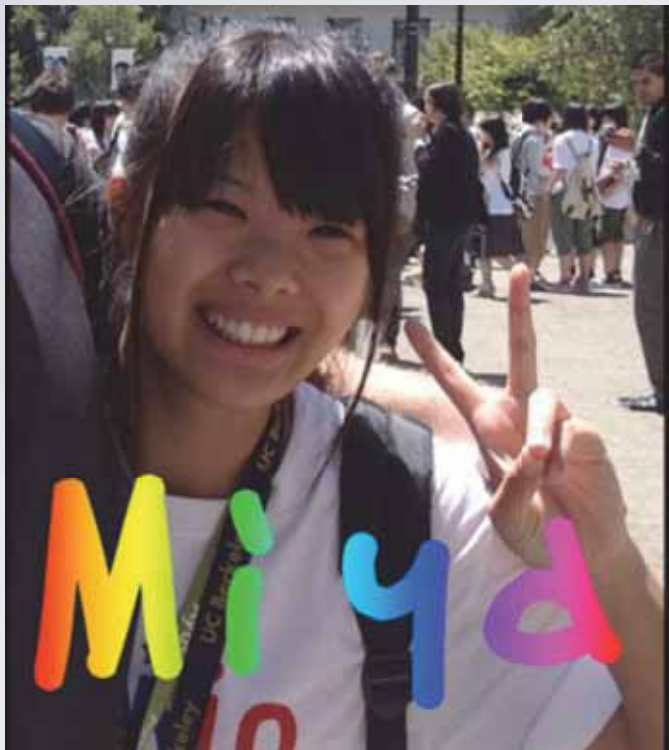


Ikue Takahashi



Sendai Miyagi

I was able to learn the importance of family and friends through the earthquakes.



Miya Fujiwara



I learned to help others.



Iwanuma, Miyagi Prefecture



Airi Mori



My home

Fukushima Prefecture
Shirakawa City

Even though my town was ravaged by the nuclear disaster, we are still strong.



Kana



Tohoku has not fully recovered yet. When I return, I want to help rebuild my community.



Sendai Miyagi

THANK YOU!



Questions?

