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This article dedicate to the city of Almaty, Kazakhstan, In order to welcome the 26 - 27/06 "World Conference on Tourism & Future Energy", at Astana Expo 2017, Kazakhstan who knows there would be benefits of it.

Apple has long been known as a dietary fiber source, can lower cholesterol, prevent cancer and help digestion. There is the term "an apple a day keeps the doctor away". The scientific name of the apple tree in Latin is ***Malus domestica***, a modern apple. The apple known today (modern apple) is a hybrid derived from wild apple / jungle apple, ***Malus sylvestris***. Apples belongs to Spermatophyta division, Magnoliopsida class, and Rosaceae family. According to The World Book Encyclopedia apple has been a favorite fruit since centuries ago. Archaeologists investigating the ruins of a European village in the stone age found evidence that the apple had been consumed by that time. The discovery of apple fossils in an ancient lake in Switzerland is often used as a benchmark, apples have been known since centuries ago. So it was with the Roman soldiers. Thanks to the Roman invasion to various countries, apple crops can be spread throughout Europe. From Europe the apple goes to America brought by the colonists.

There is an alleged apple was first planted in the southern Caucasus. The forecast comes as forests in ancient forests in the area are found in large numbers of wild apple trees. From there the tree then spread through the Caspian sea to Europe. The fossilized remains are found on a lake in Switzerland. The tree then spread to mainland Greater East Asia after Genghis Khan's army invaded Europe.

However, based on his search, some historians say that apples come from the southwestern region of Asia. Another expert revealed that the original apple from Kazakhstan in central Asia. So many versions until finally, until now there has been no agreement about the area that was first overgrown with apple trees.

The history of the apple turns out to be as old as the history of mankind. This seductive red fruit made Adam and Eve evicted from the Garden of Eden. Greek mythology also records that apples are the cause of the Trojan war. It is said that Paris ignited the jealousy of the gods by offering an apple to the goddess of love Aphrodite, so that there was a famous Trojan war. Apple also inspires a number of famous people in the world. Sir Isaac Newton discovered the theory of gravity after seeing an apple fall from its tree. Steve Jobs chose apples as a famous computer brand in the world.

Almaty, the largest city and the old capital of Kazakhstan, derives its name from the Kazakh word for "apples" (алма), and is often translated as "full of apples" (the area around Almaty is home to the forests of *Malus sieversii* and also *Malus silvestris*); Alma is also the name for apples in Turkish and Hungarian. The name of the city in the era of the Soviet Union, Alma-Ata, Kazakhstan means "Father of the Apples".

If in its origin climate, temperate / Subtropical, apples can only be harvested once a year, in Indonesia can be harvested twice, even throughout the year. The reason is that in the cold climates the leaves of apples fall in the fall and "sleep" / dormant in the winter season, so practically during the winter the apple trees are unfruitful. This is actually the natural event necessary to break the dormancy period. In Indonesia, which has no autumn (tropis climate), the dormancy period is solved by the technique of pruning. The leaves of the apple plant are taken away, similar to the condition of the plant during the fall in the Four Seasons Country / Subtropics. This technique is because the creativity and exploration of farmers in Indonesia, especially apple farmers in the area of Batu, Nongko Jajar, and Ponco Kusumo, East Java, which is pioneer of apple cultivation techniques in Indonesia. Although the number of apple cultivars is more than 2000, but the most famous are few. Some varieties that can be found in Batu, Nongko Jajar, and Ponco Kusumo, among others manalagi, rome beauty, jonathan (anna), wangling, princess noble, mc.intoch, and fuji.

As a consultant who once handled an "agro tourism resort" famous for its apple picking in Batu city, I always imagine what kind of original apple forest in the place of origin and my fancy "how beautiful" if in the region it was built an area for Protect and preserve natural original apples as well as the place becomes the center of excellence about apples in the world.

The place should be a nice place, beautiful place, and is a fun place as well as an educational tourist spot, the current generation can learn a lot about apple plants that are also related to human history itself. The imagination is roughly as follows:

Somewhere around ALMATY, Kazakhstan, it might be possible to build an area that can be named as: INTEGRATED ALMATY AGRO / AGRICULTURE TOURISM RESORT PROJECT:

INTEGRATED ALMATY AGRO / AGRICULTURE TOURISM RESORT PROJECT:

OBJECTIVE: Protect and Preserve indigenous of the origin of apple plants (*Malus sylvestris*), as well as it became agriculture tourism object to promote the best local

products (agriculture, handicrafts, food, services products) and the center of excellence in the field of horticulture products and agro tourism.

Area: 1000 Ha; Location: Nearby Almaty City

Facilities :

1) Buildings A:

- Gate (a magnificent gate, beautiful, and can be viewed from afar, and is the icon of the place)
- Entrance Fee building,
- Main building, Waiting Room building,
- Mini theatre building for explaining about the history of apple plants as well as various things that exist in the resort area with movie or video slide show,
- Children play ground,
- Swimming pool / water boom for adult and children,
- Several restaurants and stalls / shops for selling agro industry products and souvenir,
- Food stall for various snacks and ice cream,
- “Mini Research Station” for apple plants) & “mini winery”.

2) Apple mini industry / factory: (apple juice, apple snacks, apple vinegar, Apple jam, apple chips, apple salad, apple pie, etc.)

3) Fruit farms: (Block of farm of indigenous apple plants as “icon” of the resort, various modern apple farms, oranges farm, grape farms, strawberry farm), etc.

Note: There should be one block of “special farm” for display of the results of grafting activities (such as one tree has more than one varieties of apples, or one tree has three kind of apples for example). It is good for “attraction” for the visitors to know the activities of “Mini Research Station”, and also shows that work on the farm is also an art

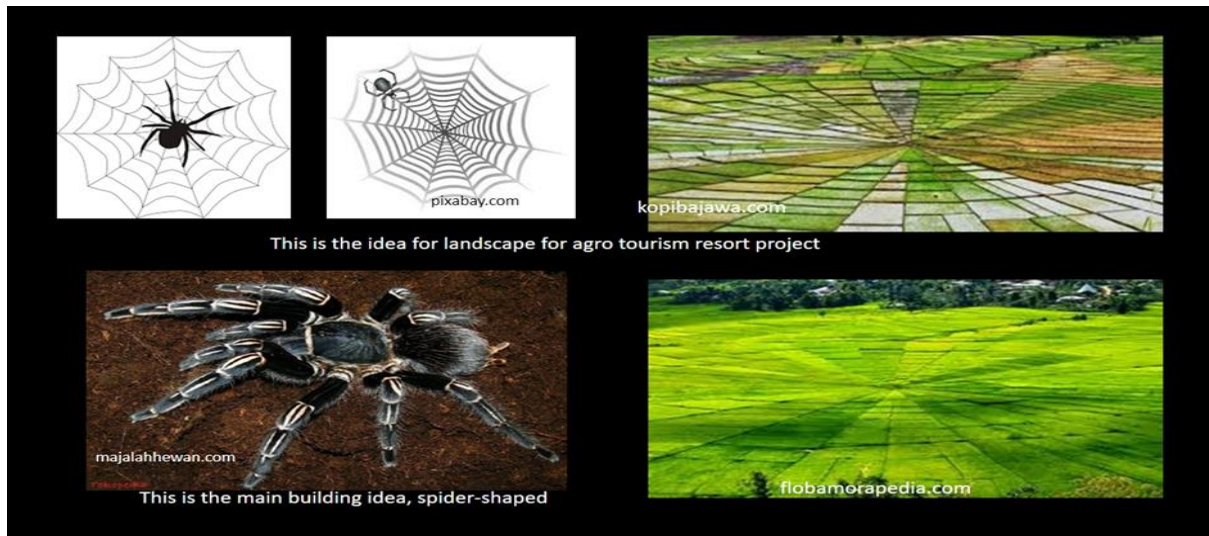
4) Flower farms: with its facilities: (ornamental flowers, cutting flowers, pot plant flowers, stalls for selling of equipment’s flowers and fertilizer / compost, etc.), green house, etc.

5) Vegetable farms: (any kind / various vegetable farms, include melon, tomato, green house facilities for organic farming, etc.)

6) Farm / Garden of mulberry plants for feeding silkworms

Note: There should be built one block of stalls / shops for selling fresh fruits and vegetables products and various handicraft products from silk, including silk clothing

This below is the idea for landscape of Integrated Almaty Agro Tourism Resort & the main building, Spider-shaped



7) Permaculture: Permanent Agriculture (in line with Go green Principles, it is good to introduce to visitors / society this “permaculture” activities. So there should be provided special area for this purpose

8) Bee honey farm

9) Building B :

- Accommodation / hotel (***) with its modern building and all its facilities, vertical garden hotel,
- Training class building (for all kind of agriculture subjects training, such as: organic farming, permaculture, grafting technics, landscaping, gardening, etc.),
- Camping ground, Kazakh tends for cheaper accommodation with “barbeque facilities” ,
- Shelter and Garden chairs / bench for rest in the resort area (should be built many garden chairs / bench in the area).

10) Building C:

- Agriculture museum (contents of the history of agriculture activities in the ancient era – modern era, completed with traditional equipment for farm activities, oldies photos, etc. ,
- Traditional silk weaving building, silk fabrics and silk clothing and handicraft products,
- Mini Zoo.

Note:

- ❖ Need statistic data for incoming foreign tourist to Kazakhstan (2014, 2015, and 2016) and the three bigger numbers country where they come from), the total spending or foreign exchange earned by Kazakhstan.
- ❖ Need statistic data for domestic tourist traveling within Kazakhstan (2014, 2015, and 2016) and how much total their spending. These data are important for activities and marketing needs later.
- ❖ Must be open new aviation paths, as well as other modes of transportation, including fast trains, tour buses with countries around Kazakhstan
- ❖ This project (agriculture tourism resort) is a project that is built in stages in accordance with the needs and market developments,
- ❖ The Institution may be a consortium, a cooperative, foundation, or a commercial company. The government provides the land and the established consortium acts like a developer, offering to various parties to build the prepared plots. But the government must build, for example the plot for "Mini research Station", "Permaculture", "Training class building" (in order that for training that is held for the general public is not too expensive),
- ❖ Land in grant for the project from the government, or it should be accounted and possibly for as equity participation.
- ❖ Total building should not exceed 40 % of total land,
- ❖ This project is expected can absorb so many people for workforce.
- ❖ This project should be located far from the original apple forest to prevent contamination of diseases and pests from modern apple plantations. So the natural apple forest must be protected, protected and become a conservation area
- ❖ The project only took the original apple sample to display / planted in the block near the entrance as the icon and a live display of the project.

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Source: from various sources