

# Unit 11 Natural Resources and Energy

## Conversation : ENERGIZE: Navigating the Future of Sustainable Energy with Dr. Chang

**Reporter:** Dr. Chang, what is the aim of ENERGIZE?

**Dr. Chang:** The objective of our organization is to help reduce dependency on traditional sources of energy such as oil.

**Reporter:** In your opinion, what is the best way to achieve that?

**Dr. Chang:** The way I see it, we need to influence public policy and people's behavior.

**Reporter:** Some scientists predict that in fifty years' time most of the world's oil reserves will have been used up. What's your view?

**Dr. Chang:** I believe the world will have run out of low-cost oil by then.  
So, we have to find alternative sources of energy.

**Reporter:** Can you give us some examples?

**Dr. Chang:** Sure. Countries should take advantage of the natural resources available to them. Countries that have hot springs and geysers can develop geothermal energy; those that have lots of sunshine should invest in solar panels; the sea tides can provide power in other places; some places can make good use of wind energy, and so on.

- Vocabulary:**
- organization (n.): (สมาคม, องค์กร)
  - oil reserves (n.): (ปริมาณน้ำมันสำรองไว้ใช้ในอนาคต)
  - use up (phrv.): (ใช้หมด)
  - run out of (phrv.): (หมด)
  - alternative sources of energy (n.): etc. (แหล่งพลังงานทางเลือกจากดวงอาทิตย์ ลม น้ำ ฯลฯ)
  - available (adj.): (ใช้ได้ตามต้องการ)
  - influence (v.): t (ชักจูง, มีอิทธิพล)
  - policy (n.): (นโยบาย)
  - behavior (n.): (ความประพฤติ)

## Answer about the Conversation:

1. By the end of the decade, what will countries that have hot springs and geysers have done to harness energy?  
**Ans.:** \_\_\_\_\_
2. In the future, how will countries with abundant sunshine have addressed their energy needs?  
**Ans.:** \_\_\_\_\_
3. What will some places that can make good use of sea tides have done to generate power in the future?  
**Ans.:** \_\_\_\_\_
4. By the end of the decade, what will have happened in locations suitable for wind energy?  
**Ans.:** \_\_\_\_\_
5. What will countries focused on sustainable practices have achieved in the future?  
**Ans.:** \_\_\_\_\_
6. In the coming years, how will nations explore other sustainable options to meet their energy demands?  
**Ans.:** \_\_\_\_\_
7. What will Dr. Chang be discussing in the future?  
**Ans.:** \_\_\_\_\_
8. What will Dr. Chang likely be suggesting about energy production?  
**Ans.:** \_\_\_\_\_