

Conclusion

- 7 out of 10 most polluted cities on earth are in China.
- China's population is exposed to many health hazards due to the incredible level of air pollution.
- Coal is the number one source to China's pollution and factories in Lanzhou is to blame for hazardous air.

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Discussion Questions

1. Do you think restricting China's population growth is a feasible solution to reducing air pollution in China?
2. If you were selected to compete in the 2008 Summer Olympics in Beijing, would you opt out? Why or why not?
3. Is the media overemphasizing the issue? Or is it just to wake the world up?

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Yancoal: The Saskatchewan Potash Question

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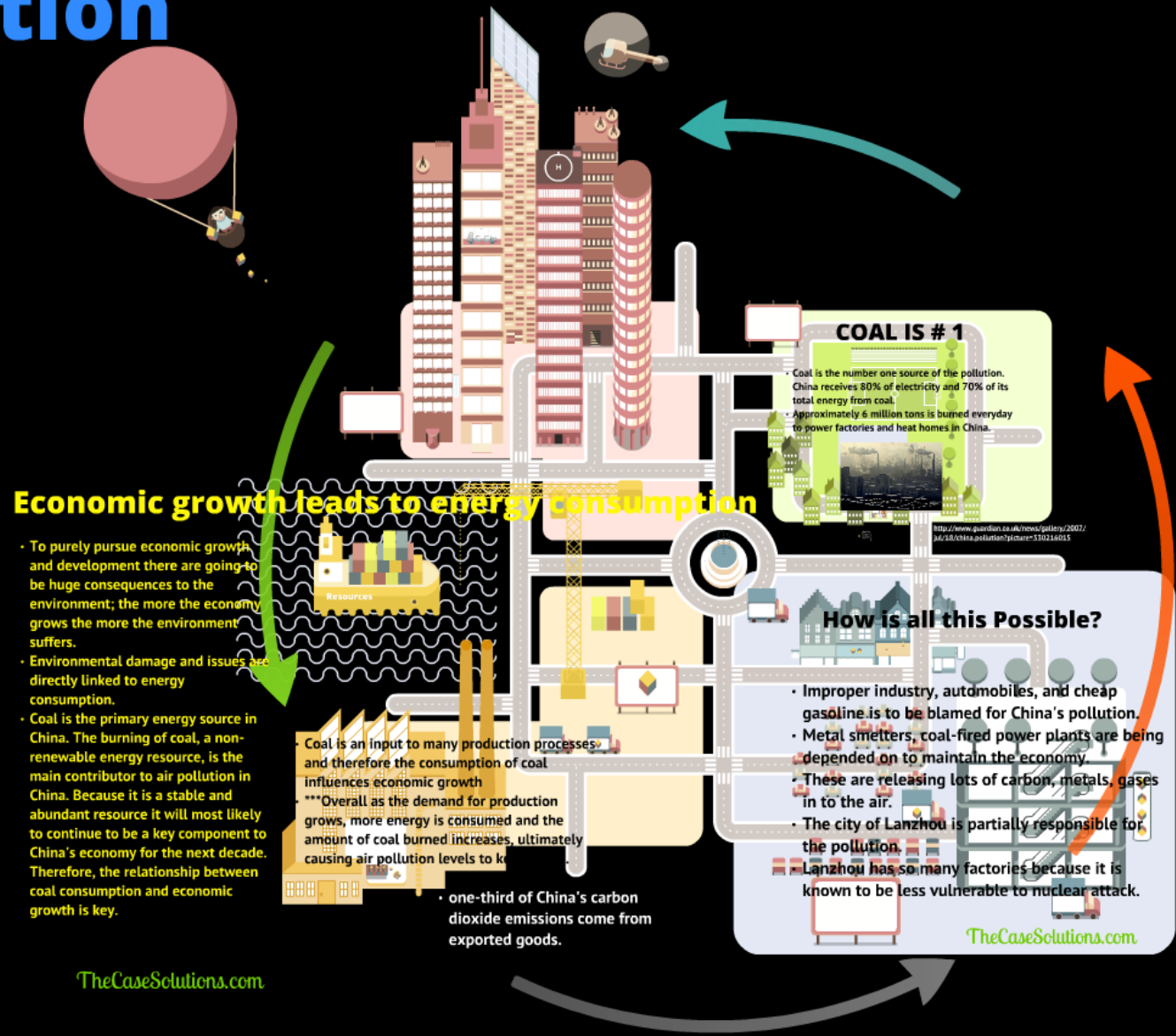


Particulate matter (PM) can have serious health effects, including asthma, bronchitis, and other respiratory problems. It can also contribute to global warming and acid rain.

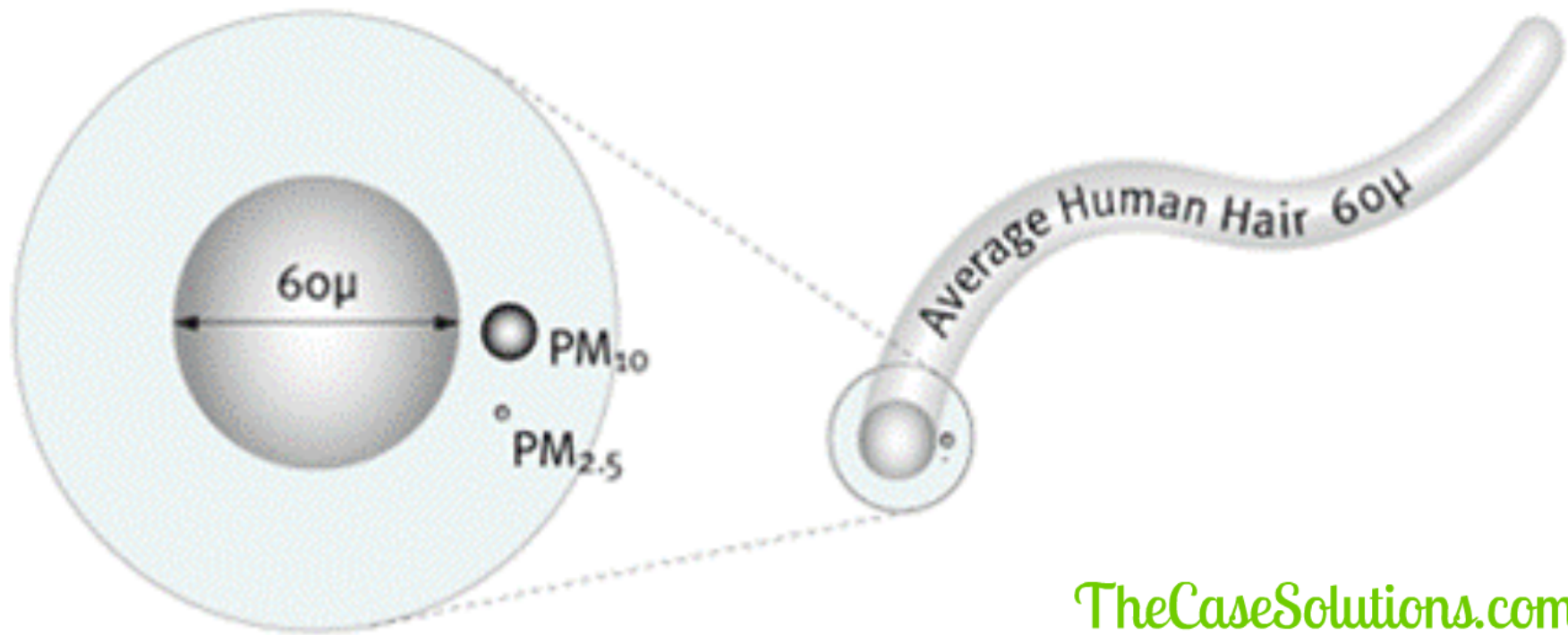
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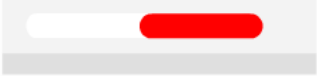
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Particle Size:



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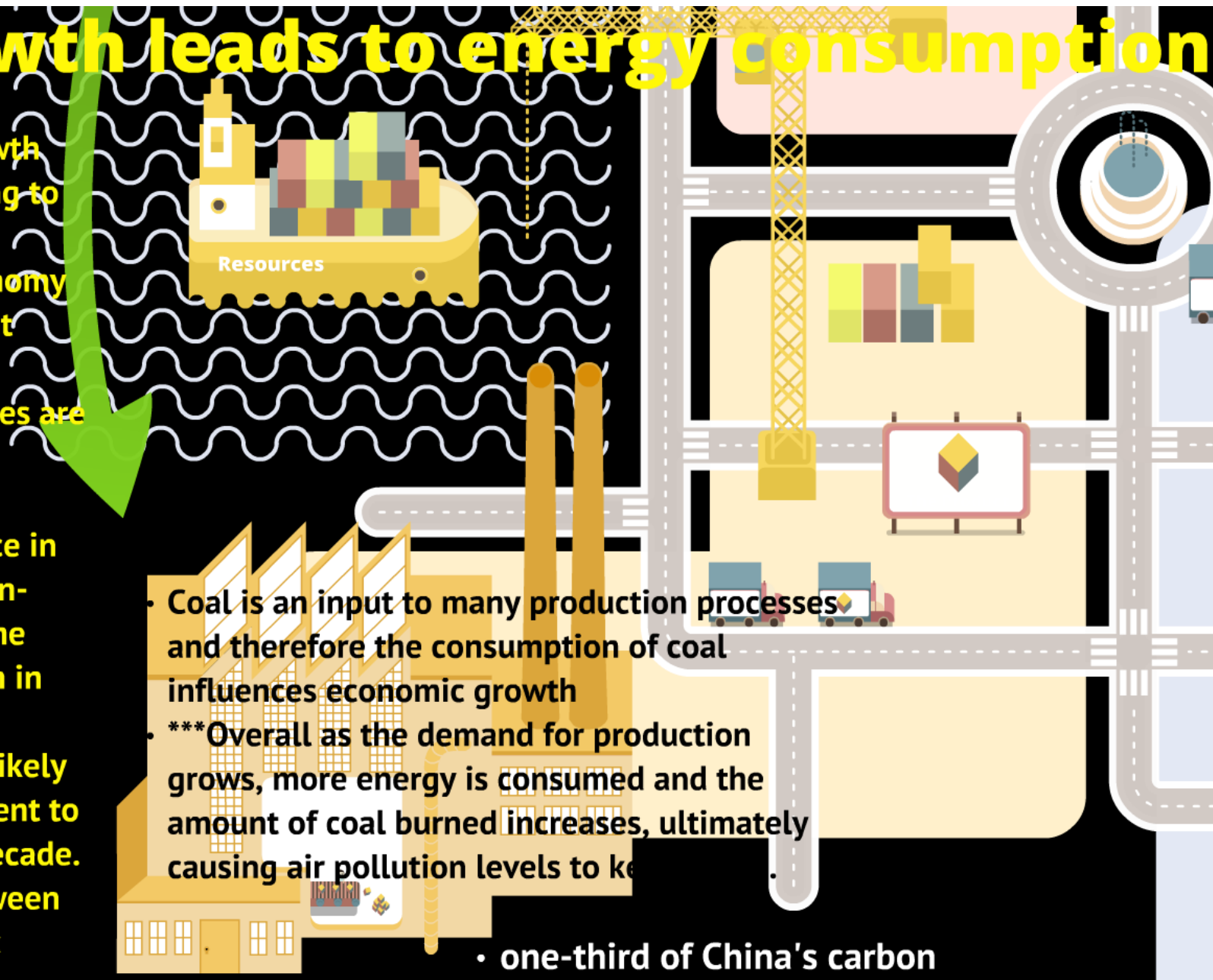


Economic growth leads to energy consumption

purely pursue economic growth and development there are going to be large consequences to the environment; the more the economy grows the more the environment suffers.

Environmental damage and issues are directly linked to energy consumption.

Coal is the primary energy source in China. The burning of coal, a non-renewable energy resource, is the largest contributor to air pollution in China. Because it is a stable and abundant resource it will most likely continue to be a key component to China's economy for the next decade. Therefore, the relationship between energy consumption and economic growth is key.



- Coal is an input to many production processes and therefore the consumption of coal influences economic growth
- *** Overall as the demand for production grows, more energy is consumed and the amount of coal burned increases, ultimately causing air pollution levels to keep rising.

- one-third of China's carbon dioxide emissions come from exported goods.

How is all this Possible?

- Improper industry, automobiles, and cheap gasoline is to be blamed for China's pollution.
- Metal smelters, coal-fired power plants are being depended on to maintain the economy.
- These are releasing lots of carbon, metals, gases in to the air.
- The city of Lanzhou is partially responsible for the pollution.
- Lanzhou has so many factories because it is known to be less vulnerable to nuclear attack.

Technology

- Introduce cleaner fuel, get more citizens to drive electric vehicles, biking or walking
- Replacing lighting with energy efficient lighting, decreasing greenhouse gases (China's main problem)

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