Twitter Thread by Small Cycle

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Comparing two environmental regulation

Preventing emissions vs improving water quality,

Which one better?

https://t.co/zLrVNWIPXm



What is the Difference?

We certainly often hear the term better to prevent than cure. Of course, we all agree on that. But what about improving quality, is that better than preventing?

A researcher named Dan Pan tries to compare 2 different regulations on environmental impacts.

One of the regulations is based on environmental quality limits. the other is based on the market, but we will call it improving water quality because it gives reward and punishment on environmental performance.

Preventing Emissions:

• Restrictions or closings of companies that violate environmental quality standards

• Restricted areas must protect their water

• Implementing comprehensive water conservation

• Strengthens water recovery and protection

Improving water quality

Give awards to mayors whose evaluation scores are good, and adequate, whose evaluations are bad. There are several parameters defined in determining water quality such as: COD intensity, water quality, and industrial wastewater standards

Result

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The results showed that environmental regulations based on improving quality had a better impact on reducing COD than preventing regulations.

Improving quality regulations provide better results but require a lot of funding too. Therefore, the central government must monitor periodically in order to allocate funding appropriately

Suggestions

Each region has different waste and environmental conditions. So one regulation cannot be applied to other regions.

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