



Urban Environmental Protection in China

Ministry of Environmental Protection, China

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Surabaya

Outline

- **History of Urban Environmental Protection in China**
- **Overall Progress of Chinese Urban Environmental Protection**
- **Relevant China's Experience for AMS**
- **Suggestions**

History of Urban Environmental Protection in China

Treatment and Control of Industrial Point Pollution (1973-1978)

Control “Three Wastes”(waste air, waste water and solid waste)

Comprehensive Prevention and Control of Pollution (1979-1983)

Preliminary achievements obtained in some cities

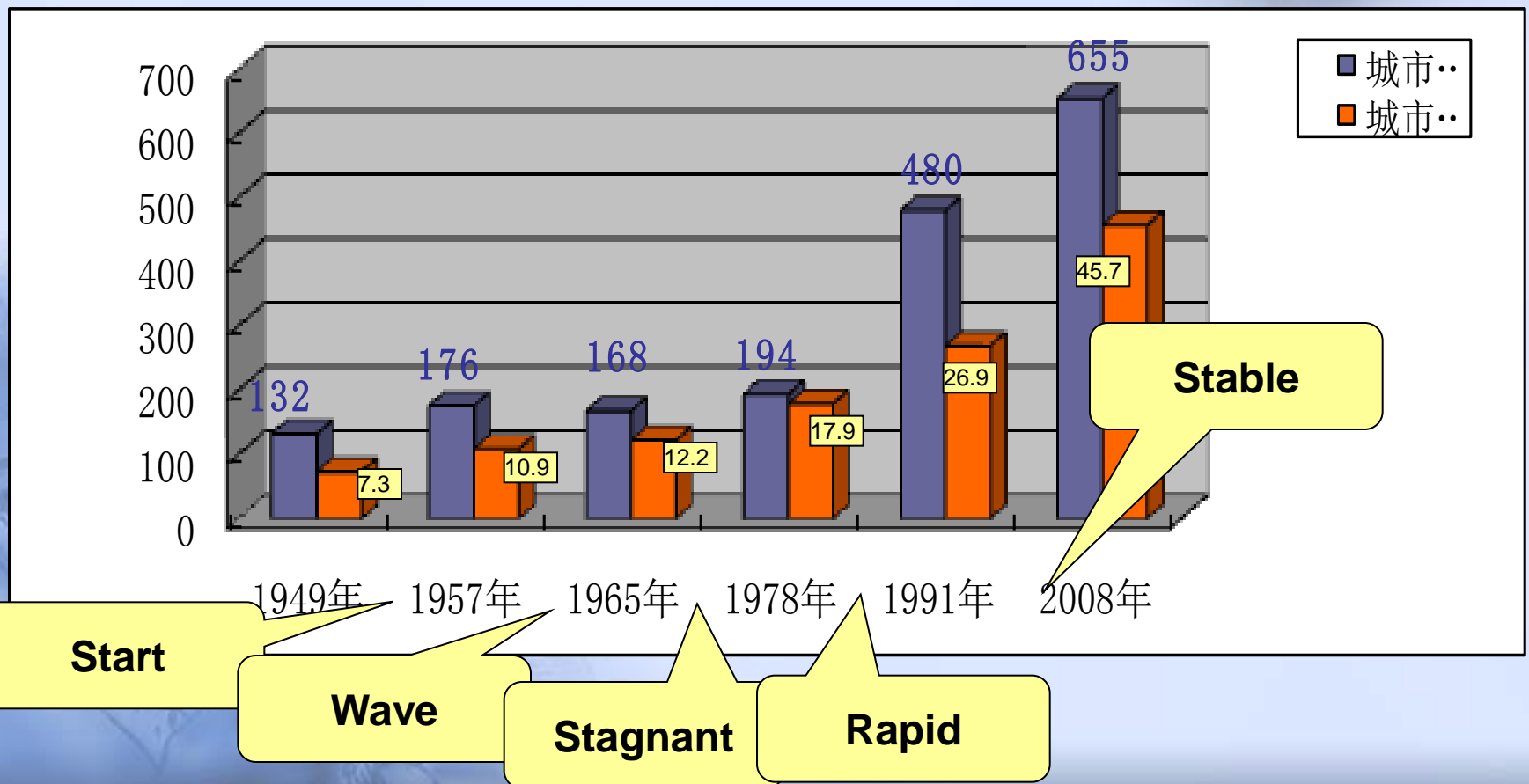
Comprehensive Control of Urban Environment (1984-2000)

Quantitative examination methods implemented

Eco-construction and Overall Improvement of Urban Environment (2001-Now)

- Creating National Model City for Environmental Protection
- Exploring Pilot City for the Construction of Ecological Civilization

Overall Progress of Chinese Urban Environmental Protection

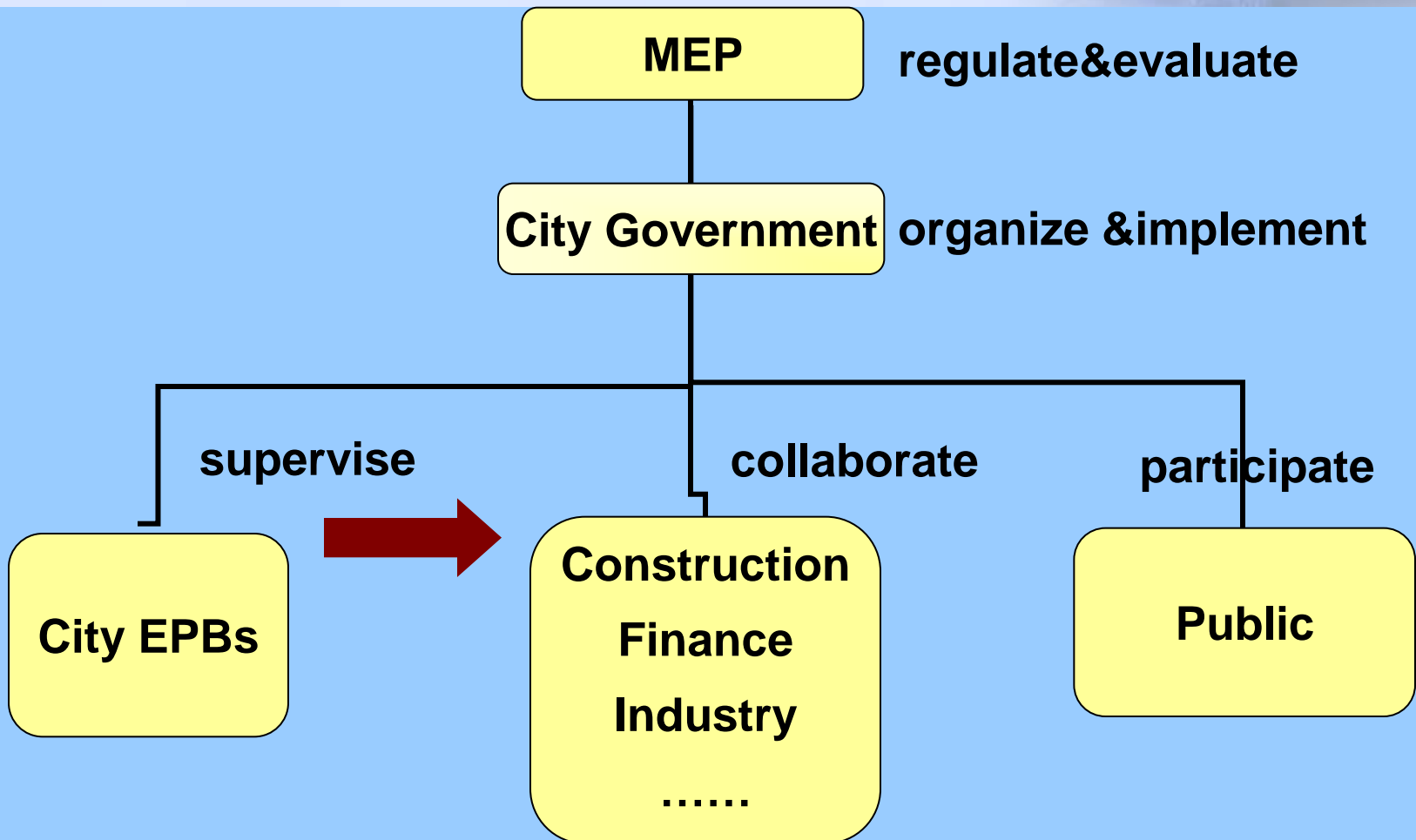


Significant Achievements in China's Urban Environmental Protection

- Compared to 2005, the COD and SO₂ emission respectively fell 12.45% and 14.29% in 2010, both beyond the targets of emission reduction set in the Eleventh-Five Year Plan.
- The treatment rate of domestic sewage has developed from 52% in 2005 to 84.9% in 2012; the rate of desulfurization in the coal power plants increased from 12% in 2005 to 90% in 2012.
- Compared to 2005, the COD intensity of surface water dropped 31.9% while the SO₂ emission in 113 key cities fell 26.3%.

Relevant China's Experience for AMS

- Urban Environment Management Structure



Relevant China's Experience for AMS

• Initiatives on Urban Environmental Protection

- ◆ Environmental Protection Target and Responsibility System
- ◆ Urban Air Quality Reporting System
- ◆ Quantitative Examination on Integrated Treatment of Urban Environment (QEITUE)
- ◆ National Model City for Environmental Protection (NMCEP)
- ◆ Pilot City for the Construction of Ecological Civilization (NPCCEC)

Initiatives on Urban Environmental Protection

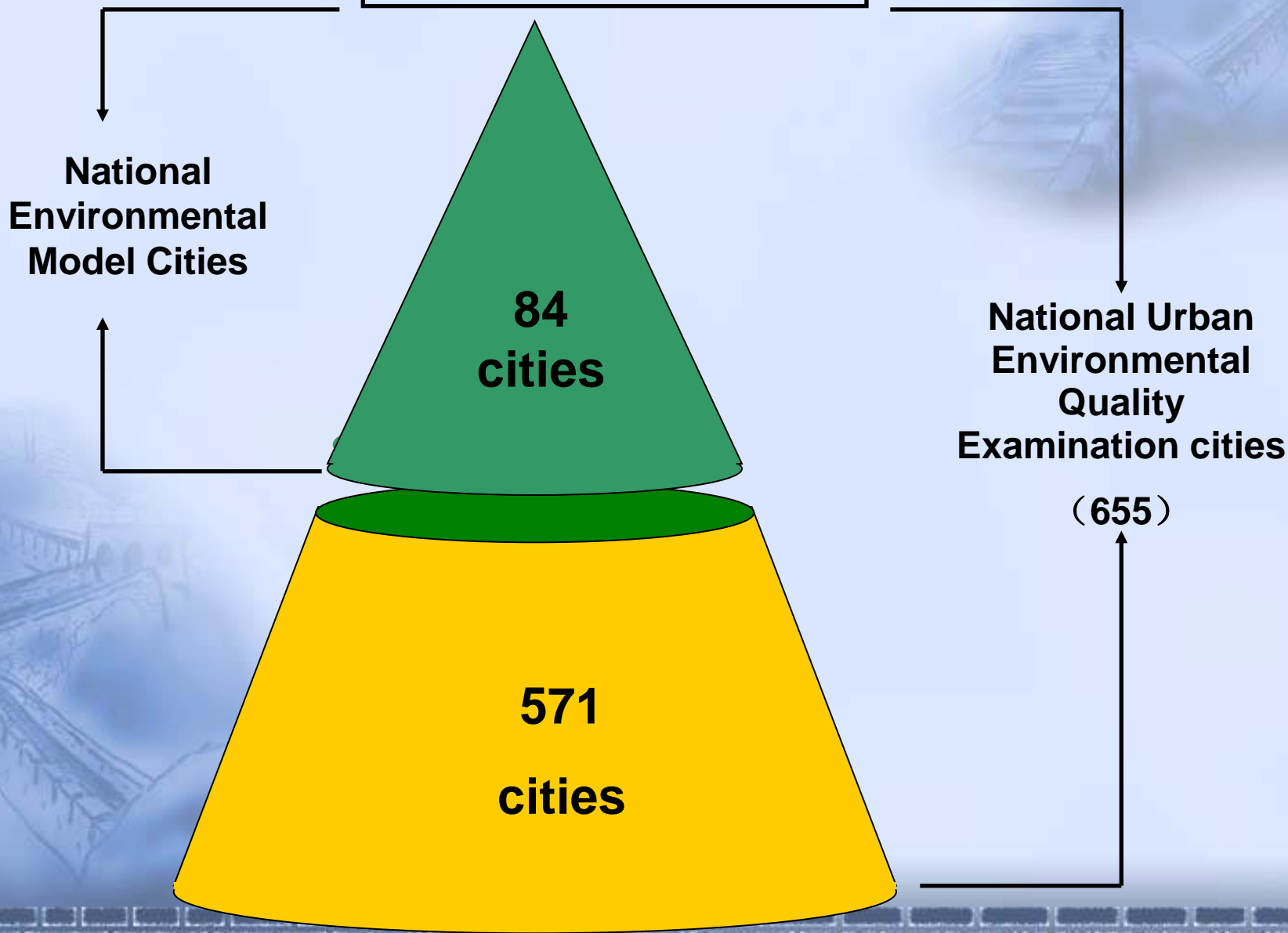
Urban Environmental Quality Examination System(1989-)

Subject: MEP
Object: City government
Cycle: annually
Content: urban environment quality, industrial pollutant prevention, environmental infrastructure construction, environmental management

Creation of National Environmental Model City (1996-)

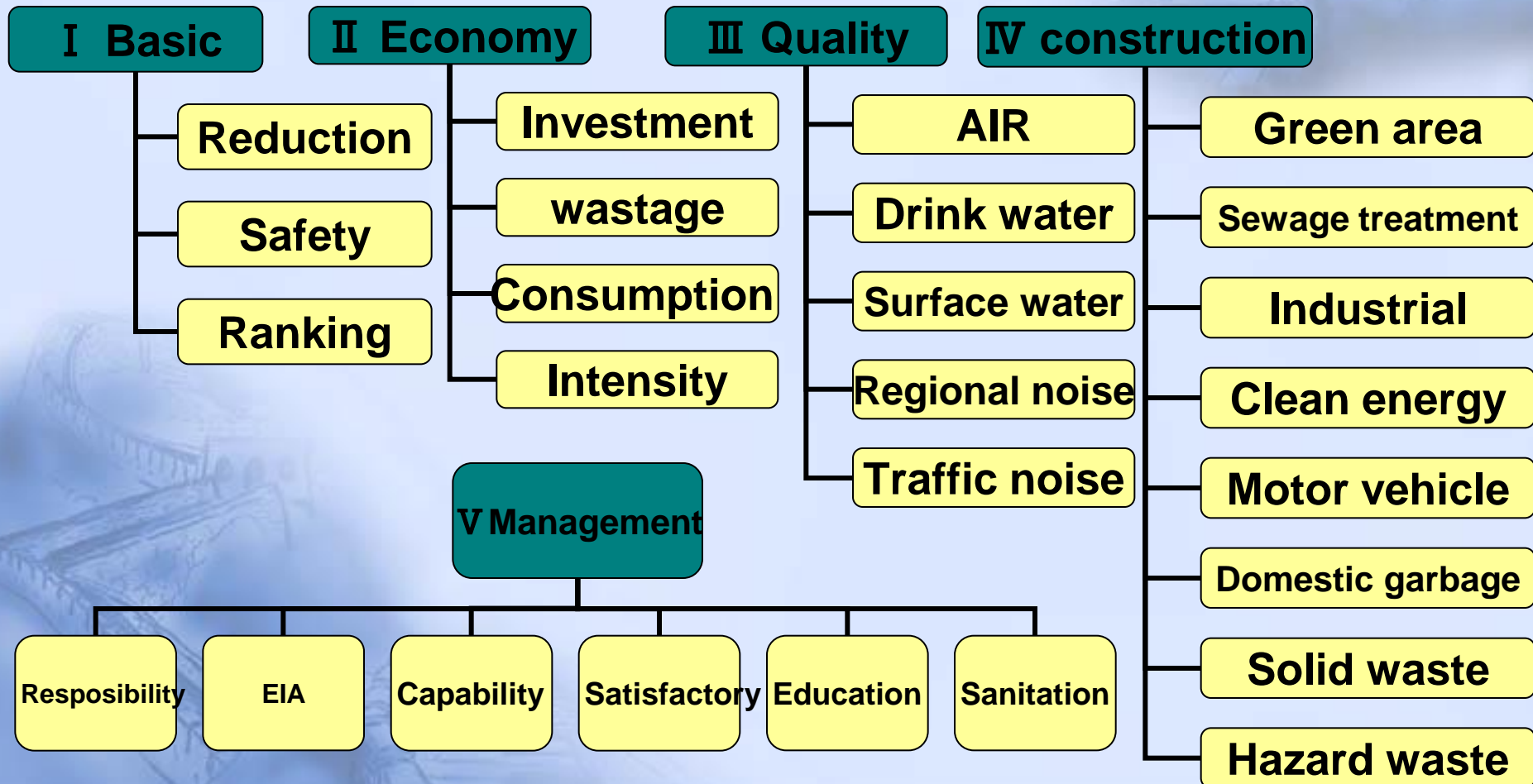
Subject: City government
Object: Concerning bureaus
Target: Honour and title
Controller: MEP
Principle: central government encourage, city government voluntary, public participate, information open

The relationship



Creation of National Environmental Model City

■ Index System



By 2010, 67 cities and 5 districts have been rewarded the title of NMCEP



Suggestions

- **Establish a scientific and practical evaluation indicator system, implement it by taking a progressive approach and improve it where necessary**
- **City governments play a leading role in the creation of model cities, while the effective incentives made by the centre government and the involvement of the public is ensured**
- **Actively promote commercialization of pollution control and enhance the level of construction and operation of urban environmental infrastructure**
- **Potential important area: Drinking Water Safety, Solid Waste Supervision, etc.**

The background of the slide is a blue-tinted, sketch-like illustration of the Great Wall of China. The wall is depicted as a long, winding stone structure that snakes across a series of rolling hills and mountains. The drawing style is light and airy, with fine lines suggesting the texture of the stone and the contours of the terrain. The overall color palette is a monochromatic blue, ranging from light sky blue to a deeper, slightly darker blue in the shadows of the mountains.

Thank you!