

Educational Institution of the Trade Unions of Higher Education
«Academy of Labour and Social Relations»

DESIGN

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Agenda

- Design of a buildings
- Some of the most important challenges
- Designing solutions

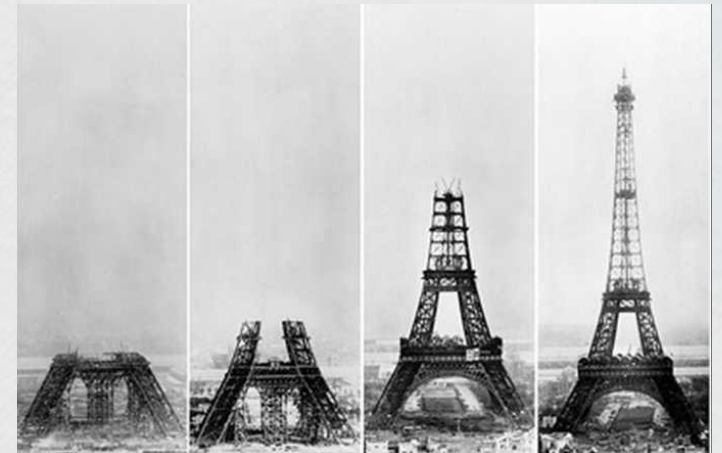
Design of a buildings: Eiffel Tower



Gustave Eiffel

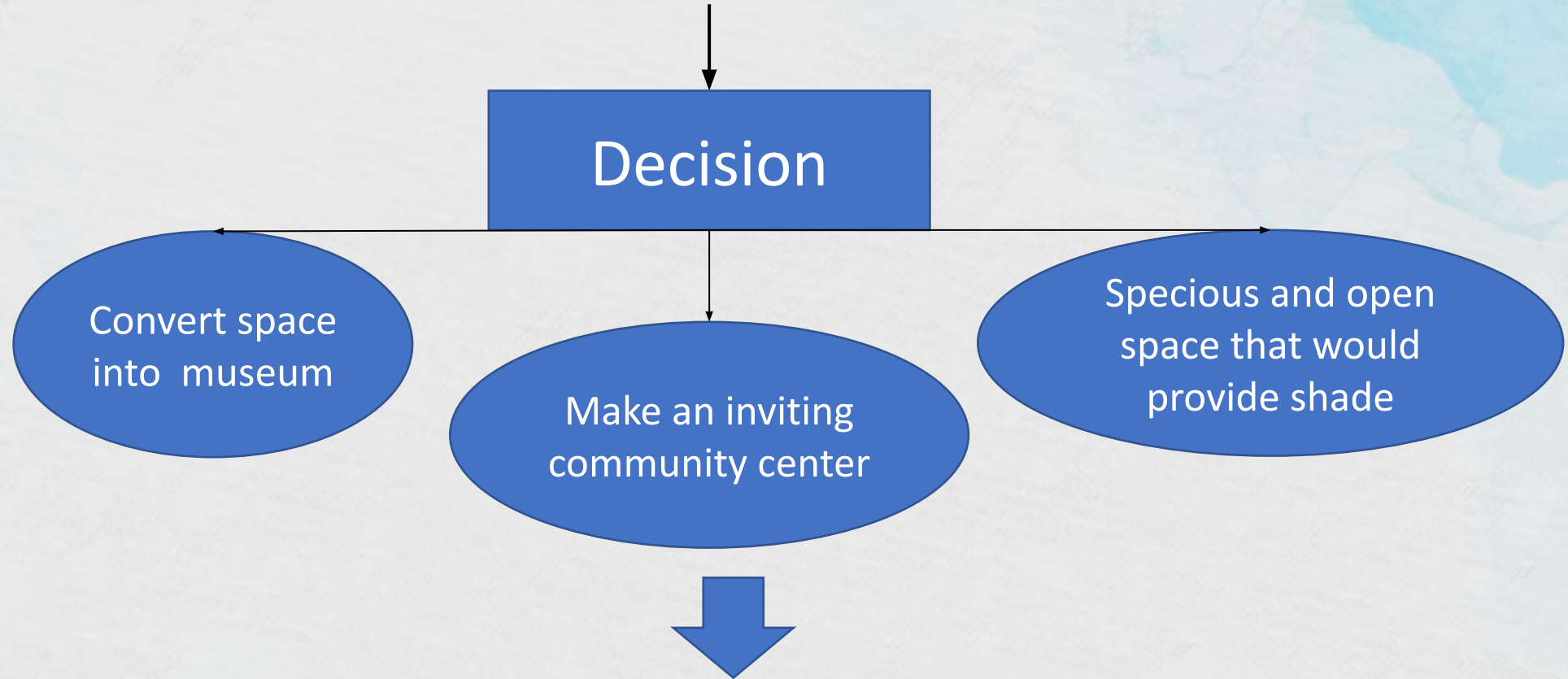
- Symbol of a Paris
- Built for 1889 Exposition Universelle
- Opponents called the Tower an «eyesore»
- Visitors admire this building

Built in 1889



Design of a buildings: Metropol Parasol

Unexpected dilemma: «How to save Roman ruins»



Floating construction



Metropol Parasol today:

- Archeological museum
- Farmer`s market
- Café and restaurants

What people think

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graph TD; A[What people think] --> B[Modern iconic landmark]; A --> C[Overpriced eyesore]; A --> D[Bad for ecology]
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Modern iconic landmark

Overpriced eyesore

Bad for ecology

The background of the slide is a stylized map of the Middle East. The landmasses are depicted in light beige and tan colors, while the surrounding bodies of water, including the Mediterranean Sea and the Red Sea, are shown in various shades of blue. The map is oriented with North at the top.

Challenges

1. Rapidly growth population
2. Lack of farmland
3. Climate change
4. Lack of appropriate water
5. Floods
6. Traffic congestion
7. Sprawling cities



Designing solutions: New Valley project, Egypt

The cause —————> Rapidly growth population and lack of farmland

↓

The effect —————> Overcrowding and food shortage

↓
The effect → Overcrowding and food shortage



Opinions:



Project is too costly and will allow Egypt to use too much Nile's water, that use another countries too.

Designing solutions: Venice Tide Barrier project, Italy

The cause —————> Shifting landscape

↓
The effect —————> floods and destruction of historical landmarks and artistic masterpieces



Solution

The Tide Barrier project:
Compressed air is pumped
underneath gates. The gates
rise and stop the sea water.



Opinions:

The only way to save
Venice

Negative effect on wildlife
and won't stop flooding

Conclusion

The aims of design

