

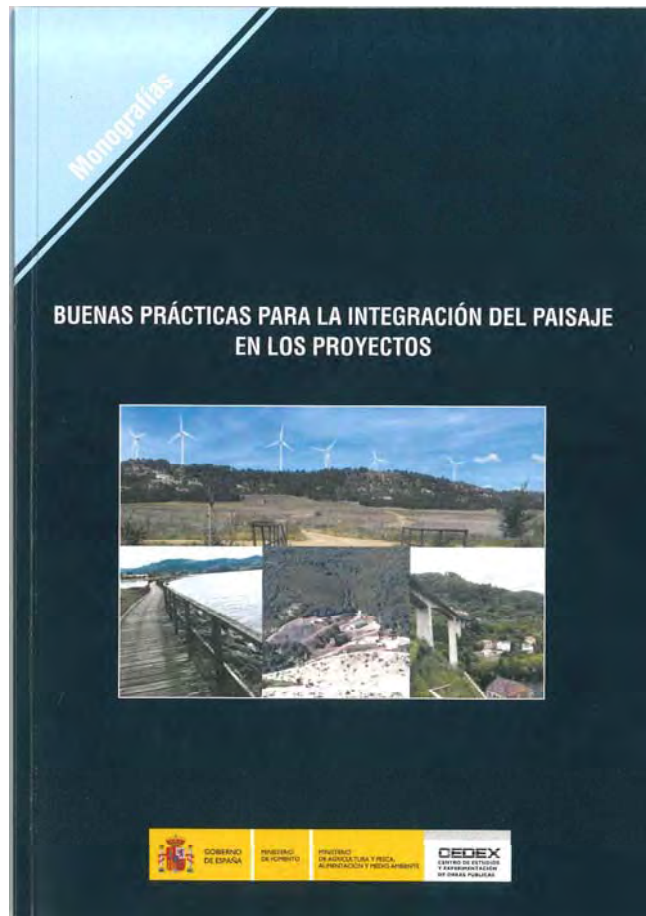
Good practices for the landscape integration in projects

Manuel Ramón García Sánchez-Colomer

Centre of Studies and Experimentation for Public Works
(CEDEX).

Madrid, Spain

Good practices for the landscape integration in projects. The handbook



- In a working group in the Ministry for Ecological Transition.
- 600 recommendations and 105 photographs.
- To developer, environmental administrations and civil works authorities.
- <https://publicacionesoficiales.boe.es/detail.php?id=002016318-0001> (currently offline).
- “Specific Measures” in the European Landscape Convention.

PROJECTS

Projects in rivers
Constructions on the coast
Mining opencast
Wind farms
Roads and railways

AUXILIARY SERVICES

Access
Parking lots
Lighting
Walls and perimeter fences
Perimeter locations
Plant screens
Information panels

Our proposal

STRUCTURING LANDSCAPE ELEMENTS

Territory
Relief
Perimeters
Visibility
Composing
Textures

LANDSCAPE INTEGRATION

Visual adaptation vs. landscape integration

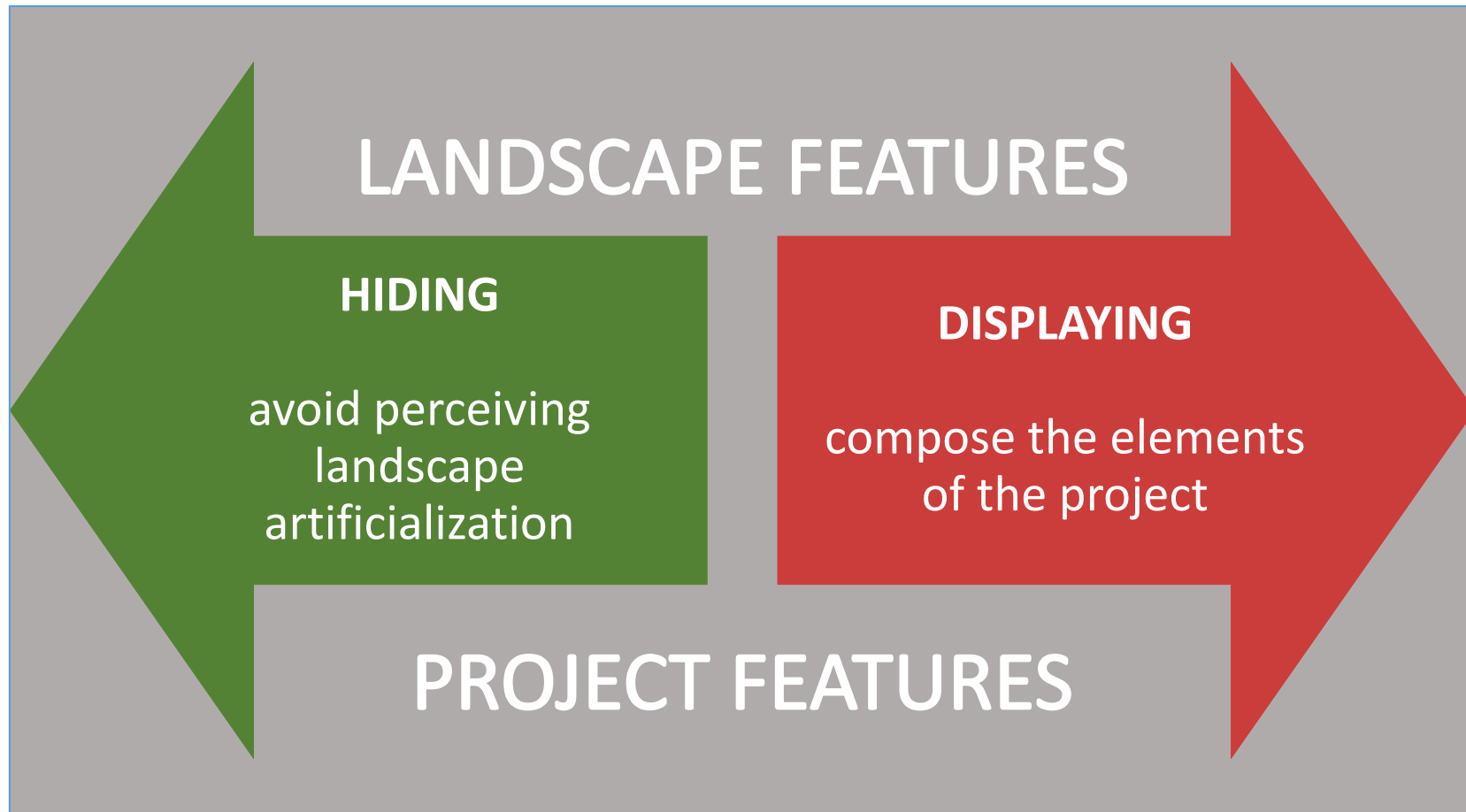
Visual adaptation is led by aesthetic criteria



Landscape integration is based on ecological features



Strategies for an adequate landscape integration



Strategies: Highlighting

Highlighting
cables to
avoid birds
collision



Strategies: Naturalization



Restoration of a gravel pit



Winding contour in abandoned mine ponds

Strategies: Fusion



Marked paths, with impermeable and stable flooring

Landscape integration of roads and railways



Strategies: Hiding



Hiding an industrial facility

Strategies: Mimicry



Slag heaps on the left and right margins vs. on the center

Strategies: Displaying

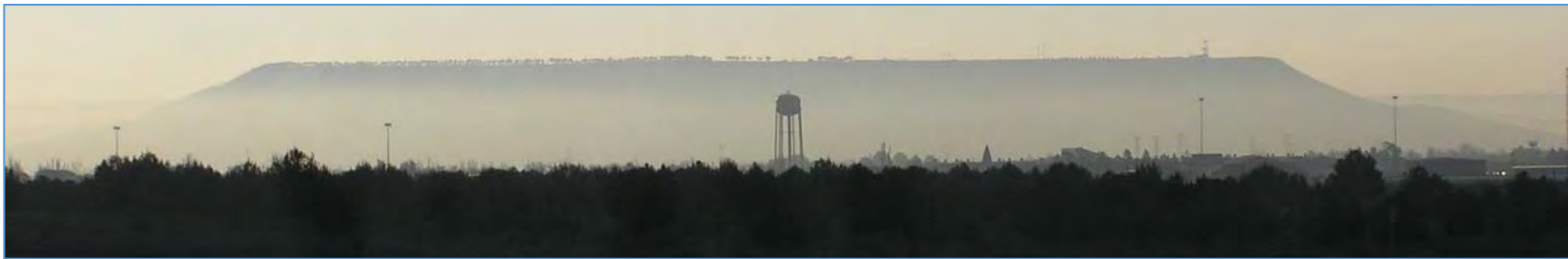


Wind turbines must be grouped presenting a defined image

The code color of these
acoustic screens
reduces the visual
impact



Two general rules about the impact of vertical structures



We perceive more vertical dimensions than horizontal ones

Please, first
look this
photograph!



The presence of a
wind turbine attracts
the attention of the
observer

THANK YOU FOR YOUR ATENTION

manuel.colomer@cedex.es

See you in IAIA20, IN SEVILLE (SPAIN)



Enjoy SMART ASSESSMENT and
SPANISH HERITAGE