SUCCESSFUL REGIONAL TRANSFORMATION an example...
Most scientists regarded the new streamlined peer-review process as ‘quite an improvement.’

Linear thinking
Change Cities - Incrementally

Leap-frogging
Make Cities Better - FAST
RAPID URBAN PROTOTYPING

BEFORE

PROTOTYPE THE CHANGE YOU WANT TO SEE IN THE WORLD
ECODISTRICT

3 Imperatives:

• Equity
• Resilience
• Climate Protection

Works well in cities where alterations to buildings and urban typology are not a primary focus.

IBA
(Internationale Bau Ausstellung = International Building Exhibit)

Essentially an Eco-District, plus

• Experiments in Zoning
• Experiments in Planning Process
• Modifications and Inventions to Urban Form
• New Building Typologies
Internationale Bau Ausstellung Emscher Park

1989 - 1999

...fundamentally change the conceptual structure of the central Ruhrgebiet region, in response to its industrial decline.
IBA Emscher Park
1989 - 1999

Internationale Bau Ausstellung Emscher Park

17 cities, numerous initiatives and project partners jointly implemented 117 large projects with the objective of future-proofing a traditional industrial region.
The 7 principles
1) Reconstruction of landscape – the Emscher Landscape Park
2) Ecological restoration of the Emscher River
3) Rhein- Herne Canal – an adventure space
4) Industrial Cultural Heritage as national treasure
5) Working in the park
6) New Forms of houses and housing
7) New options for social, cultural and sports activities
Reconstruction of landscape – the Emscher Landscape Park
Look at all open space as part of a large park
Connect fragmented green spaces
Develop new ones
Make the area accessible to the public
Reconstruction of landscape – the Emscher Landscape Park
Convert existing but abandoned freight railway dams into a new bike network
Ecological restoration of the river Emscher system
New stormwater infrastructure paid for by new urban developments along the banks of the rivers and streams
Rhein-Herne Canal – an adventure space
New leisure uses in exchange for limited commercial development
Industrial cultural heritage as national treasure

Creating a unique atmosphere and identification by restoring and presenting the relics of 150 years of industrial history. Adapt and reuse smaller buildings, and convert large installations into popular sites with millions of visitors per year.
Working in the park

Redevelop former mine of steel sites into attractive, green and modern workplaces.
Develop innovative methods to deal with ecological damage, such as encapsulation of polluted soil, or experimental polluted storm water management.
New forms of houses and housing

The local traditional urban form is a garden city. A back to the roots movement restored and adapted older developments...
New forms of houses and housing

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New forms of houses and housing
New housing was developed following the traditional urban forms
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New housing was developed following the traditional urban forms
New options for social, cultural and sports activities

With reduced worktimes, attention was paid to positively structure leisure times. Urban gardening and cultural events in combination with the orchestration of cultural heritage are the main focus.
IGA – 2027
Internationale Garten Ausstellung Ruhr
International Garden Exhibit Ruhr
PROCESS (lasts typically 10-12 years)

Phase 1 – **Initiation**; identifies the core issues addressed during the IBA. Establish IBA legal structure. Appoint board of trustees.

Phase 2 – **Framework**; create the aspirational outlines of intellectual / design pursuit for IBA projects.

Phase 3 – **Property Identification**; catalogue individual properties that will participate in the IBA projects.

Phase 4 – **New Urban Design**; through international competitions for ideas, obtain urban design proposals for individual urban zones identified to be subject of the IBAs. That winner will then be paired with local planning expertise to create a new specific plan, only for the duration and purpose of the IBA.

Phase 5 – **Individual Property Assignments**; public properties are made available for development at conditions “too good to refuse”; under the conditions that the developer will build the winning competition projects.

Phase 6 – **Design Competitions and Construction**; hold open international architectural design competitions, and chose a winner. That winner will then be paired with a local architect of record, and the project is being built by the private development community.

Phase 7 – **The Final Year**; a series of events analyze and celebrate the accomplishments of the IBA; what worked, what failed, what lessons can be learned and what general rules can be extrapolated.
www.open-iba.de/en