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Infrastructure as object and producer

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Backwater Reservoir, Angus. Baxter, Clark & Paul (Architects) & Babtie, Shaw and Morton (Engineers) for East of Scotland Water Board, 1964-1969

SOURCE: https://www.flickr.com/photos/spacelightorder/13897074424
Yona Friedman, *Ville Spatiale*, 1958-70

SOURCES: Various (web)
Expressways are like RIVERS

These RIVERS frame the area to be served

RIVERS have HARBORES

HARBORES are the municipal parking towers

from the HARBORES branch a system of CANALS that serve the interior

the CANALS are the go streets

from the CANALS branch cul-de-sac DOCKS

the DOCKS serve as entrance halls to the buildings

Louis Kahn. Wound up parking towers and poem

SOURCE: Architectural Design, November 1962
Alison and Peter Smithson, *Hauptstadt Berlin* [competition entry] 1957
## Notation and symbols for urban transport

**SOURCE:** Richards, B. (1966) *New Movement in Cities* (London: Studio Vista)
Notation and serial views, View from the Road

Cooling Towers and Water Towers, Bernd and Hiller Becher

Grain elevators, Bernd and Hiller Becher

Canadian Grain Stores and Elevators

Table showing bodies responsible for provision of infrastructure in England and Wales

<table>
<thead>
<tr>
<th>Services/Utilities</th>
<th>Body responsible</th>
<th>Responsibilities</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electricity</strong></td>
<td>Electricity Council, Central Electricity Generating Board, Twelve area electricity boards</td>
<td>General policy Controls power stations, main transmission lines, and supplies ABs distribution to customers</td>
<td>Each Area Board is a large organization operating independently with varying administrative arrangements</td>
</tr>
<tr>
<td><strong>Gas</strong></td>
<td>Gas Council Gas Boards</td>
<td>General policy Produce, distribute, and sell gas to customers</td>
<td>The Area Boards are large organizations operating under varying administrative arrangements. Many appear to be independent in outlook</td>
</tr>
<tr>
<td><strong>Telecommunications</strong></td>
<td>Post Office Headquarters Divisions, ten regions</td>
<td>National policy and controls finance Day to day operation of service</td>
<td>Willingness to cooperate with other public utilities and building teams generally</td>
</tr>
<tr>
<td><strong>Water Supply</strong></td>
<td>Local authority Joint board Statutory water co.</td>
<td>Supply and distribution under Ministry of Local Government and Development</td>
<td>25% different undertakers (1960), not necessarily coinciding with local authority boundaries or populations they serve</td>
</tr>
<tr>
<td><strong>Sewerage</strong></td>
<td>County boroughs County districts and joint sewerage authorities</td>
<td>To provide such sewers as may be necessary for effectively draining the district</td>
<td>Too small to be progressive, too preoccupied in meeting demands to seek out innovations</td>
</tr>
<tr>
<td><strong>Surface water drainage</strong></td>
<td>River authorities, Local authorities</td>
<td>River authorities control &quot;main&quot; river conservation Local authorities engineering departments concerned with &quot;washlands&quot;</td>
<td>Lack of co-ordination Not easy to gauge effect of development proposals over wide area</td>
</tr>
<tr>
<td><strong>District heating</strong></td>
<td>Various authorities and private companies</td>
<td>To provide district or group heating</td>
<td></td>
</tr>
<tr>
<td><strong>Street lighting</strong></td>
<td>Highway authorities Lighting authorities, i.e. county councils, borough councils</td>
<td>Road and footway lighting</td>
<td>Much to be said for electricity board taking over whole service</td>
</tr>
</tbody>
</table>

**OTHER SERVICES** including security, safety, remote meter reading, refuse disposal, wired sound and television, central oil distribution, etc.

Cooling towers in the landscape at Fiddler’s Ferry, Warrington and Ironbridge, Shropshire.

SOURCE: Flickr user, Tarboat.
“Thousands of people turned up to watch the planned demolition of the Tinsley Cooling Towers in Sheffield at 3am on Sunday 24th August 2008. They'd been camping out since teatime. Some had portable gas stoves, some brought their young children tucked up in duvets in the back of their cars.”
Magnox-reactor nuclear power station at Trawsfynydd. Construction of the plant, designed by architect Basil Spence to look like ‘a castle in the landscape’, started in 1959 and lasted six years.

SOURCE: https://geotopoi.wordpress.com/2012/10/07/trawsfynydd-power-station/
The Queen photographed at the opening of Scammonden Water in October 1971. In the background is Scammonden Bridge over the Deanhead cutting, the middle ground shows the slope of the dam, leading up to the M62 carriageway and in the foreground is the bridge to the valve tower above the bellmouth overflow.

SOURCE: Concrete Quarterly, Summer 1972, p.26
Dounreay nuclear power station – currently being decommissioned.

SOURCE: https://www.flickr.com/photos/13422316@N00/2822118107

SOURCE: Skyscrapercity forum
Archizoom - No Stop City. The No-stop City is an instrument of emancipation. “The idea of an inexpessive, catatonic architecture, outcome of the expansive forms of logic of the system...”