

## River Narew – Poland, Flagship restoration measure [1]



The site is located downstream of the Narew National Park in its buffer zone. The National Park protects the natural anastomosing stretch of the river. In the sixties [2] the river below of the Park was channelized and straightened for the agricultural purposes. This pressure has caused degradation of the anastomosing character by cutting off and therefore shallowing and overgrowing of side channels and losses in biodiversity. Almost twenty years ago it was decided to restore most of the upper part of the degraded stretch, adjacent to the National Park. The main objectives were to bring back a natural value of the river valley and to restore the natural anastomosing river network. The main applied measures were: thresholds to rise water level, divert some of the water into old side arms and slow down the water outflow from the area, and redigging, clearing and re-connecting the old side channels.

- Site name: Rzędziany - Pańki
- Typology: Mid-sized lowland river
- Altitude: 110 m
- Catchment area: 4300 km<sup>2</sup>
- Pressures before the restoration:
  - channelized monotonous river bed
  - presence of hydraulic structures
  - straightened river course
  - degradation of river bed

- disconnected river continuum
  - lowering of water level and cutting off side arms
- Restoration measures conducted:
  - redigging, clearing and re-connecting the old side arms
  - rising water level by constructing thresholds
  - diverting water between side arms
  - restructuring of river bed
  - re-establishment of river continuum
- Length of restoration: 13,5 km

- [Home](#)
- [Imprint](#)

**Source URL:** <https://reformrivers.eu/study-site/84>

#### **Links**

[1] <https://reformrivers.eu/study-site/84>

[2] [http://www.reformrivers.eu/#\\_msocom\\_1](http://www.reformrivers.eu/#_msocom_1)