

360° films about Bydgoszcz — a one-page brief

A series of guided 360° drone flights with captions · by Andrii Shramko

What it is

- A series of 360° drone flights over Bydgoszcz, with a guide and captions on screen.
- Films in 8K (7680×3840), 60 fps — on YouTube, in DeoVR and in VR headsets; on a phone or a computer you turn the picture with a finger or the mouse.
- An independent initiative of the author, not a city hall publication.

What is ready for Bydgoszcz

- 11 films, 61 min in total.
- Places: Mill Island and Bydgoszcz Venice, the Bydgoszcz Canal and the Old Canal, Okole and the Brda, Castle Hill and Długa Street, Freedom Square, Gdańska Street, Piastowski Square, Dworcowa Street.
- All films and links: <https://bydgoszcz.flyreelstudio.eu/en/>
- [The Island That Kept Working](#) — 8 min
- [The Suburb Named for a Lock](#) — 8 min
- [The Long Wait for the Tram](#) — 8 min
- [Castle Hill, Remade and Renamed](#) — 7 min
- [The Street That Outlived Its Rulers](#) — 5 min
- [Who Runs the Square](#) — 3 min
- [What Prussia Left](#) — 3 min
- [The Market That Stayed](#) — 3 min
- [Built by Bakers and Barbers](#) — 7 min
- [The River Road to Berlin](#) — 5 min
- [The Canal Dug in a Year](#) — 5 min

Accessibility

- Open captions burned into the picture (WCAG 2.1, criterion 1.2.2) — in English, like the narration (a synthetic voice).
- The same text in three places around the viewer; the guide's full text under every film.
- A version with Polish captions — on request; there is no Polish Sign Language (PJM) or audio description yet.

What else we can do

- A VR stand at a city event — a flight over the city in a headset.
- A 3D scan of a chosen historic building, with its model on a phone via a QR code (a pilot for one building).
- A screening without headsets: a big screen, a kiosk or a 360° room.

Permits and paperwork

- Aviation permissions (PAŻP/ULC) are handled by the author; qualified UAS operator (A1/A3).
- From the city: permission for take-off sites; for historic buildings and interiors, the manager's consent.
- Embedding the films from YouTube needs no paperwork; screenings, 8K files and trade fairs — terms to be agreed at a meeting.

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