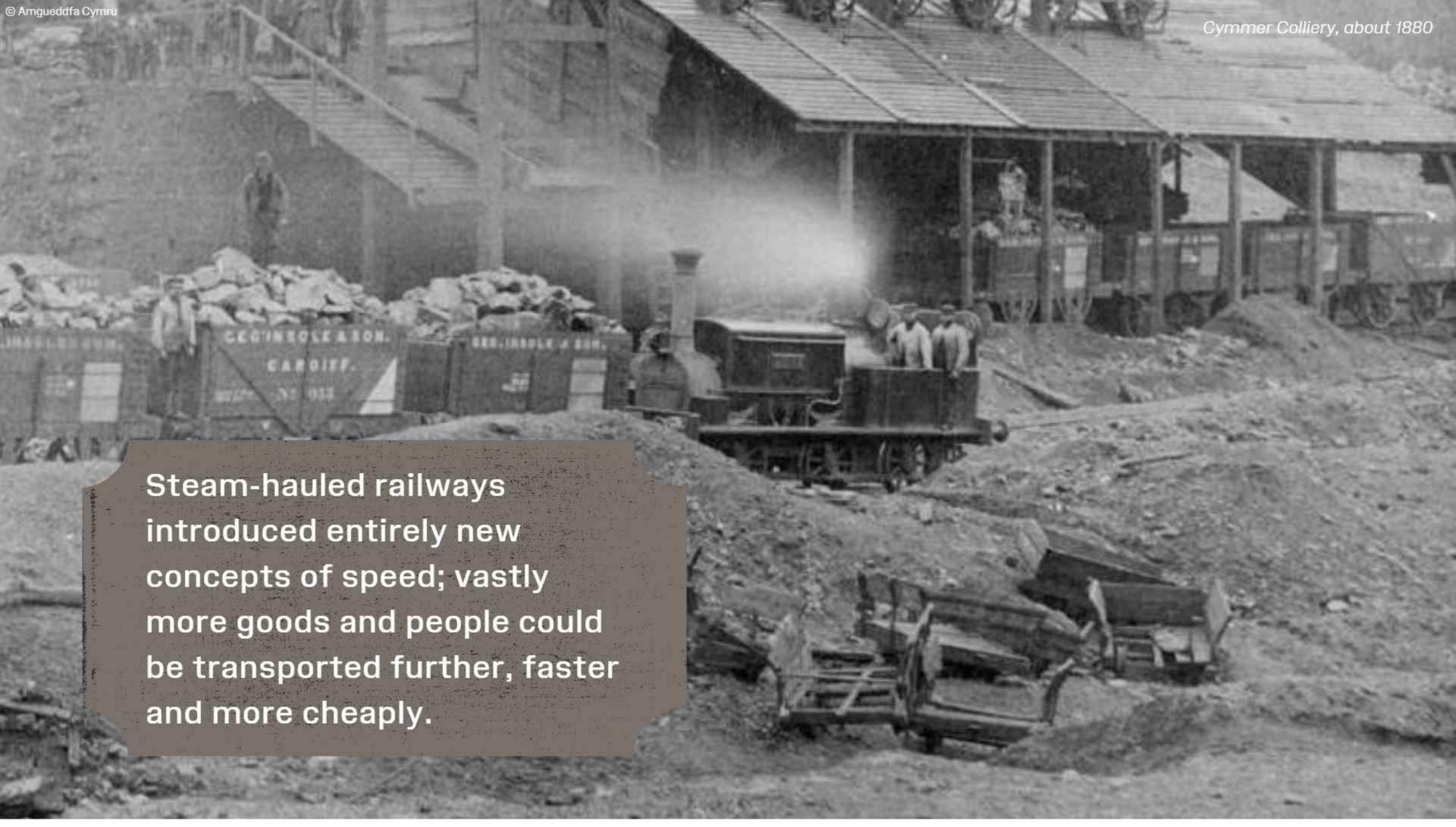
RALL VALUE OF THE RALL VALUE OF THE LOCOMOTIVE Trevithick and the Penydarren Locomotive

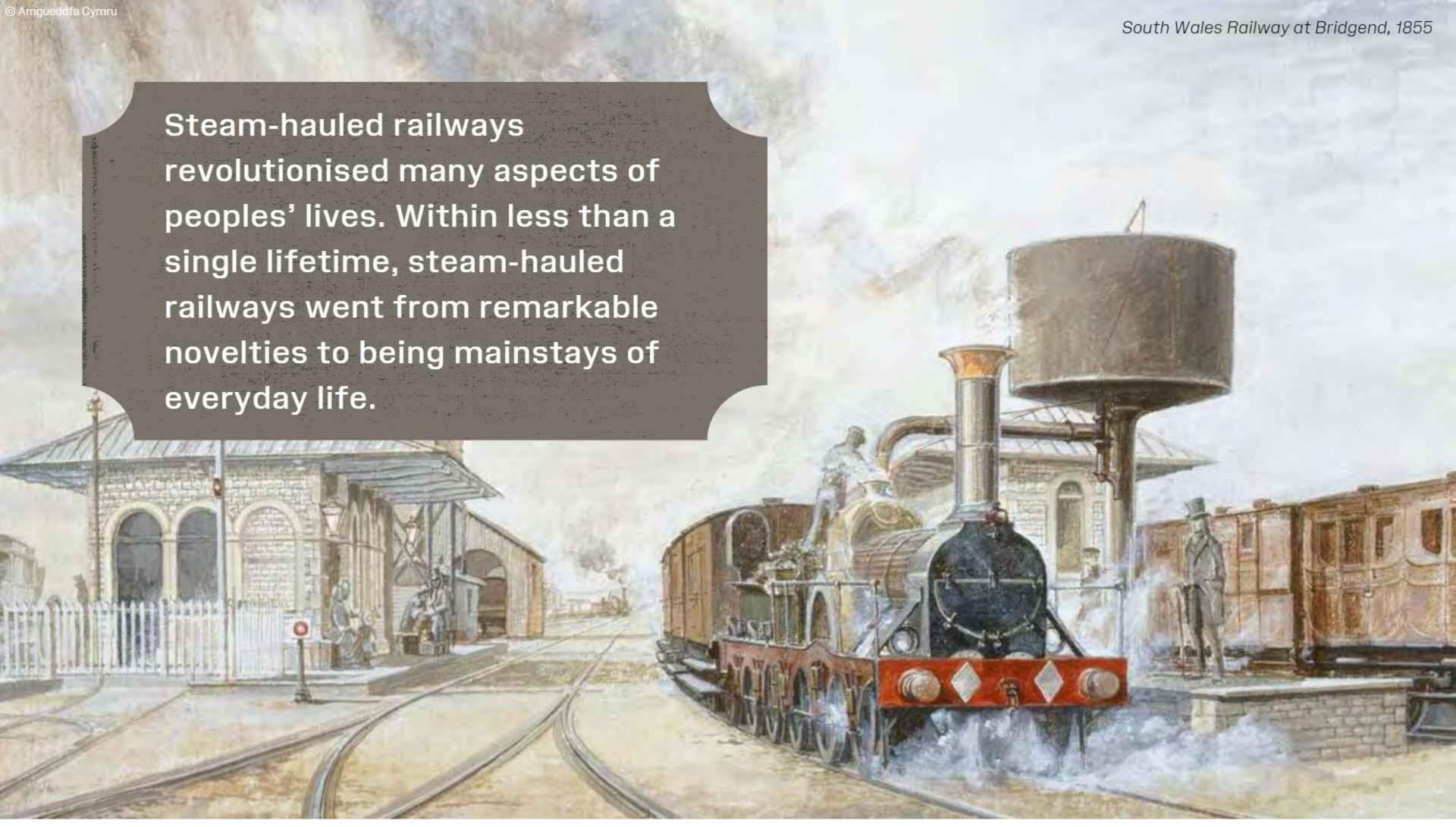
Mae'r adnodd hwn ar gael yn Gymraeg

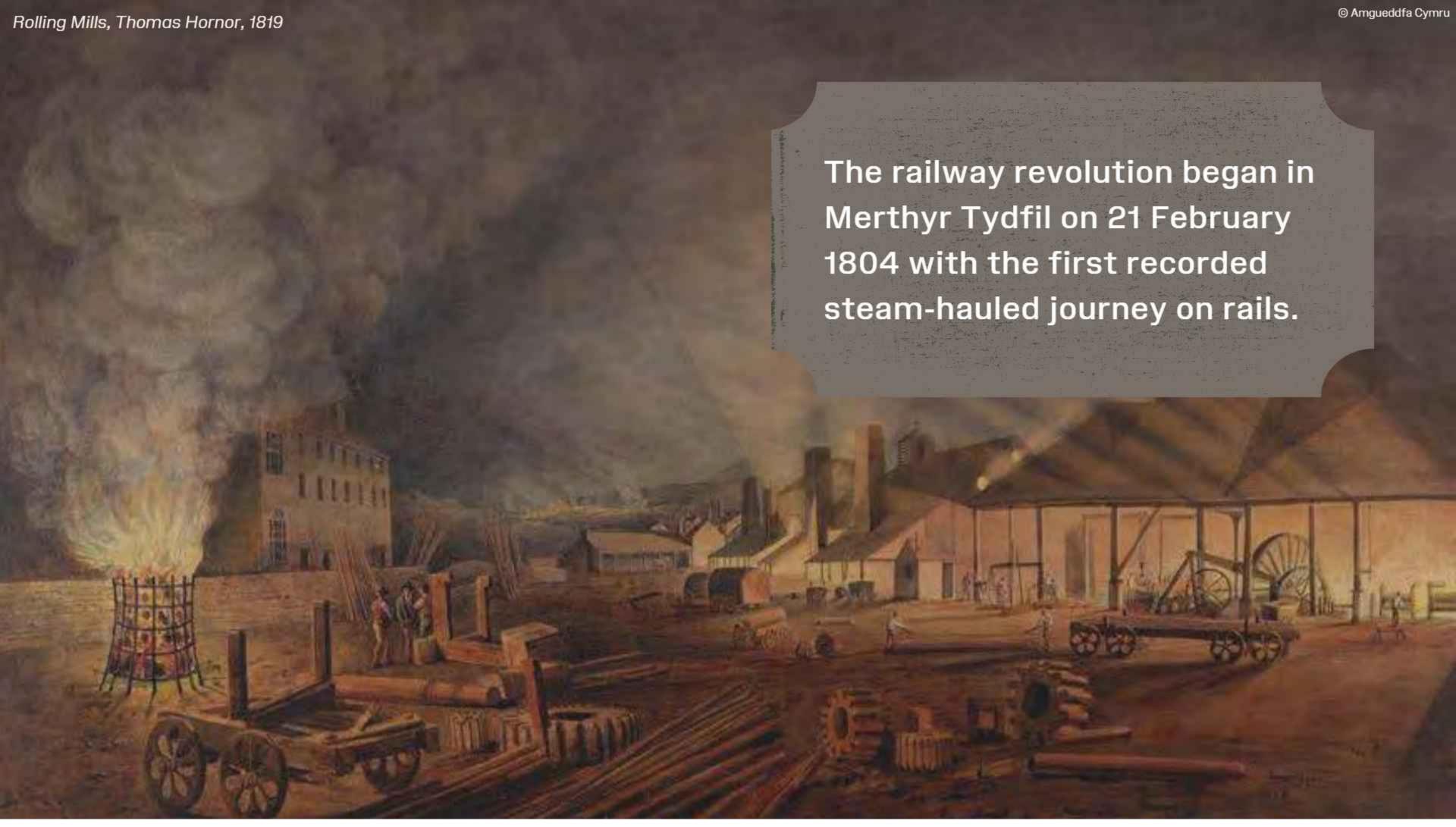
AMGUETTOFA

This resource is available in Welsh

AMGUEDIFA



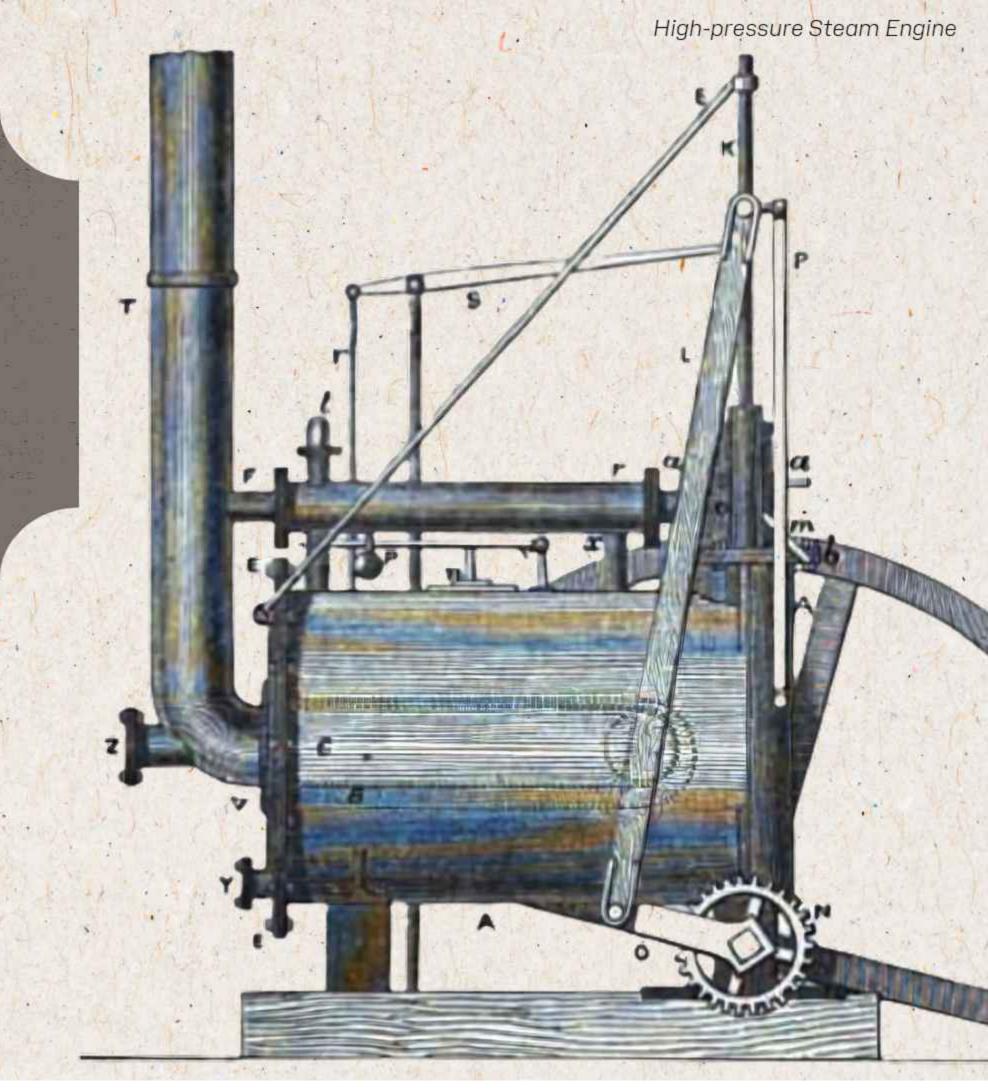




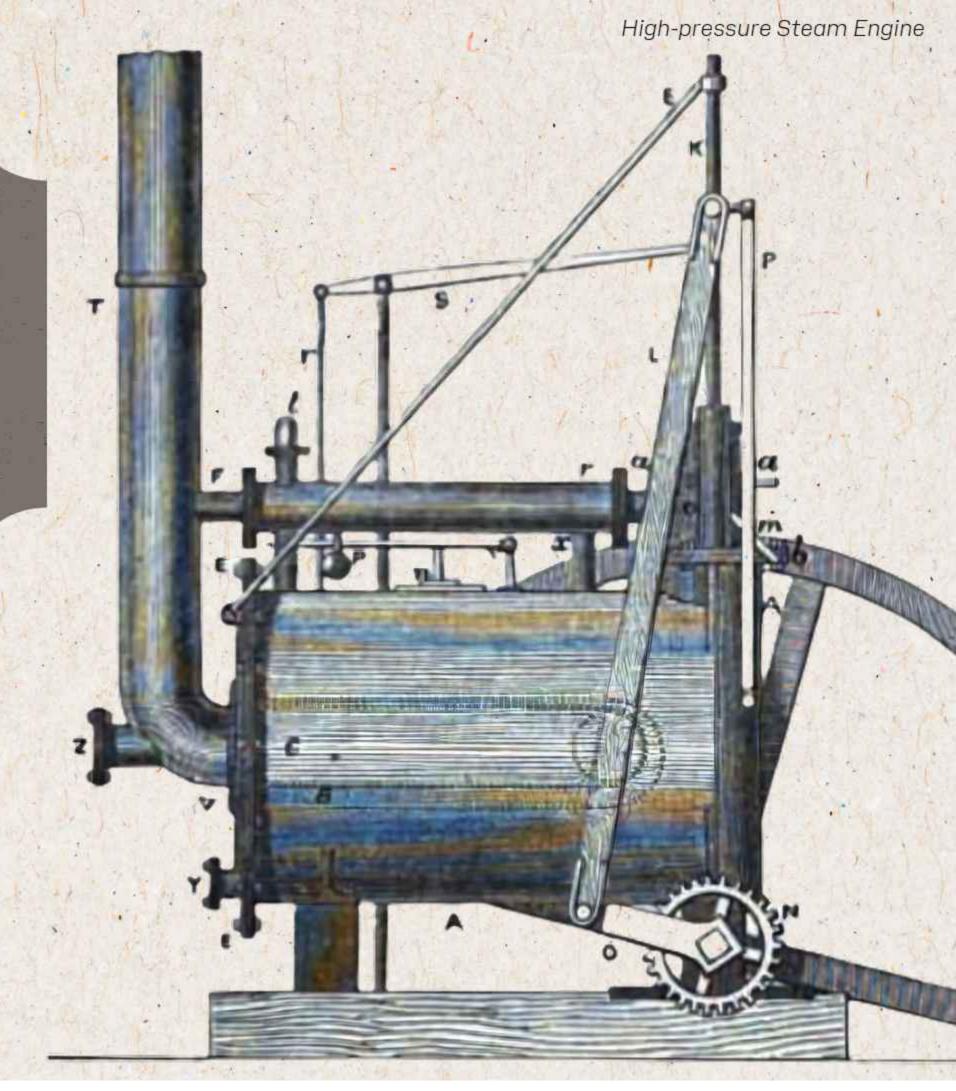


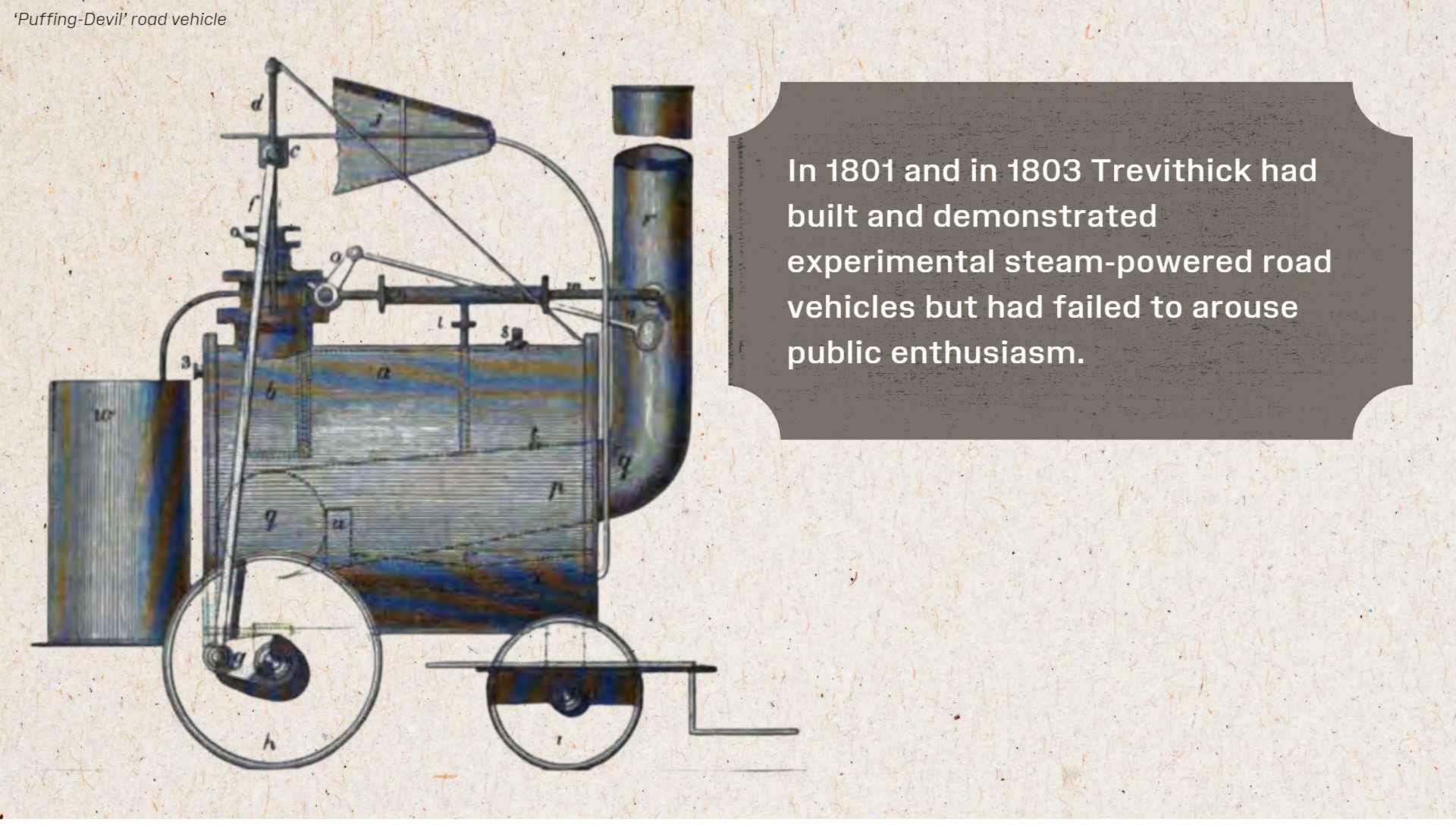
The key personalities were the talented Cornish engineer Richard Trevithick and Samuel Homfray, owner of the Penydarren Iron Works.

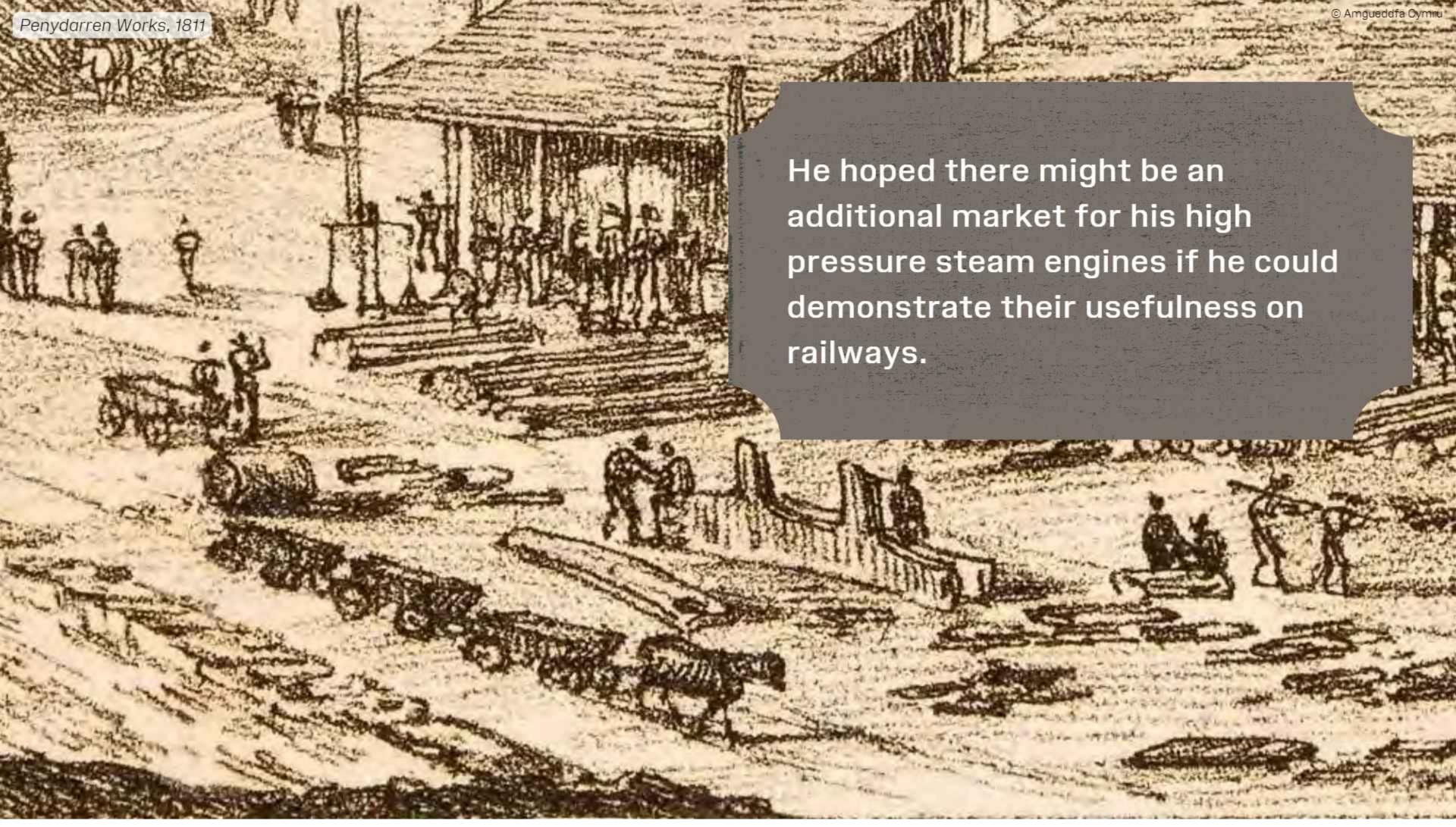
Trevithick had developed a compact high pressure stationary steam engine that could be built more cheaply and produce more power than pre-existing designs of similar size.

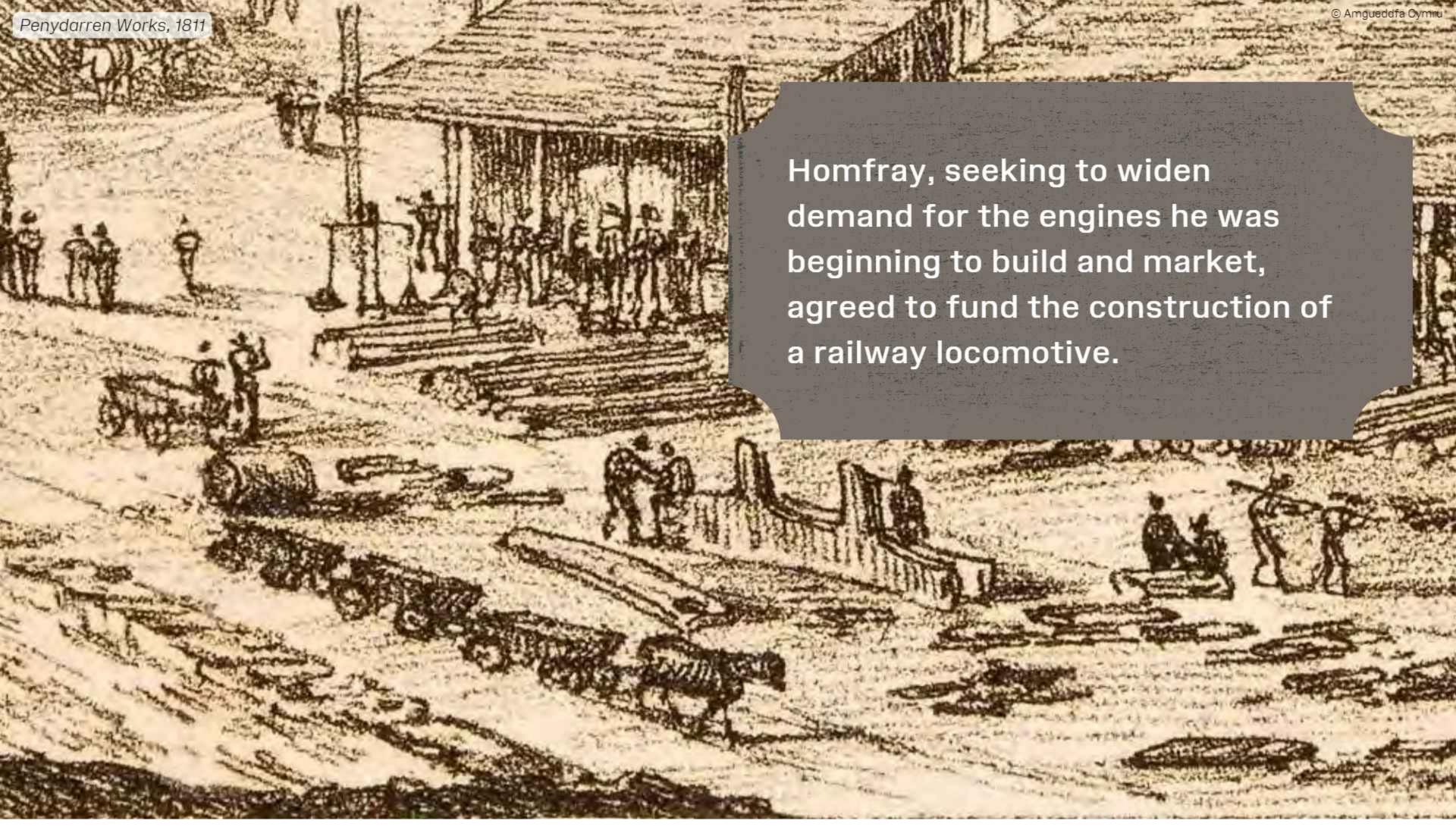


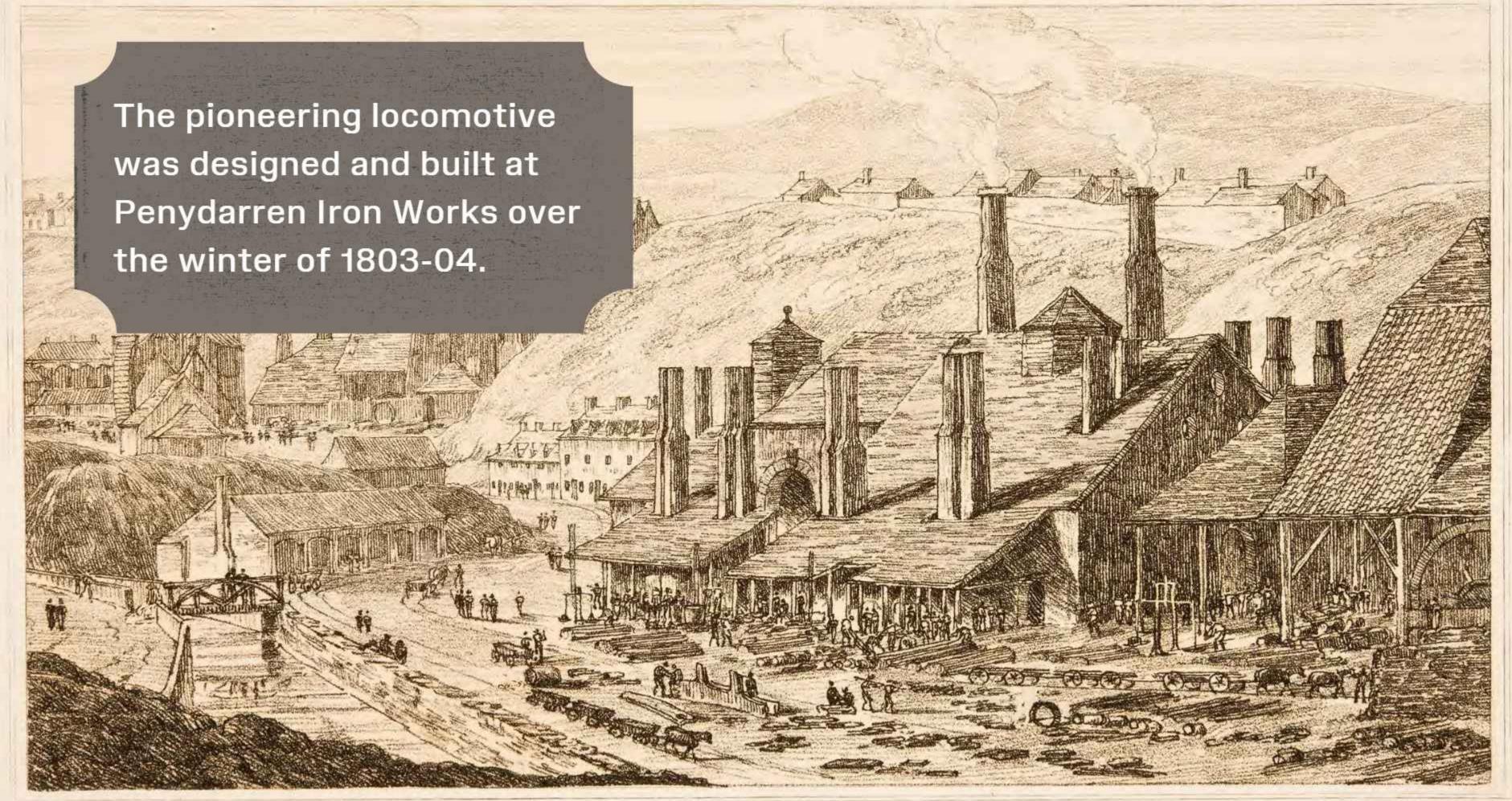
Homfray formed a partnership with Trevithick to manufacture the stationary engines.

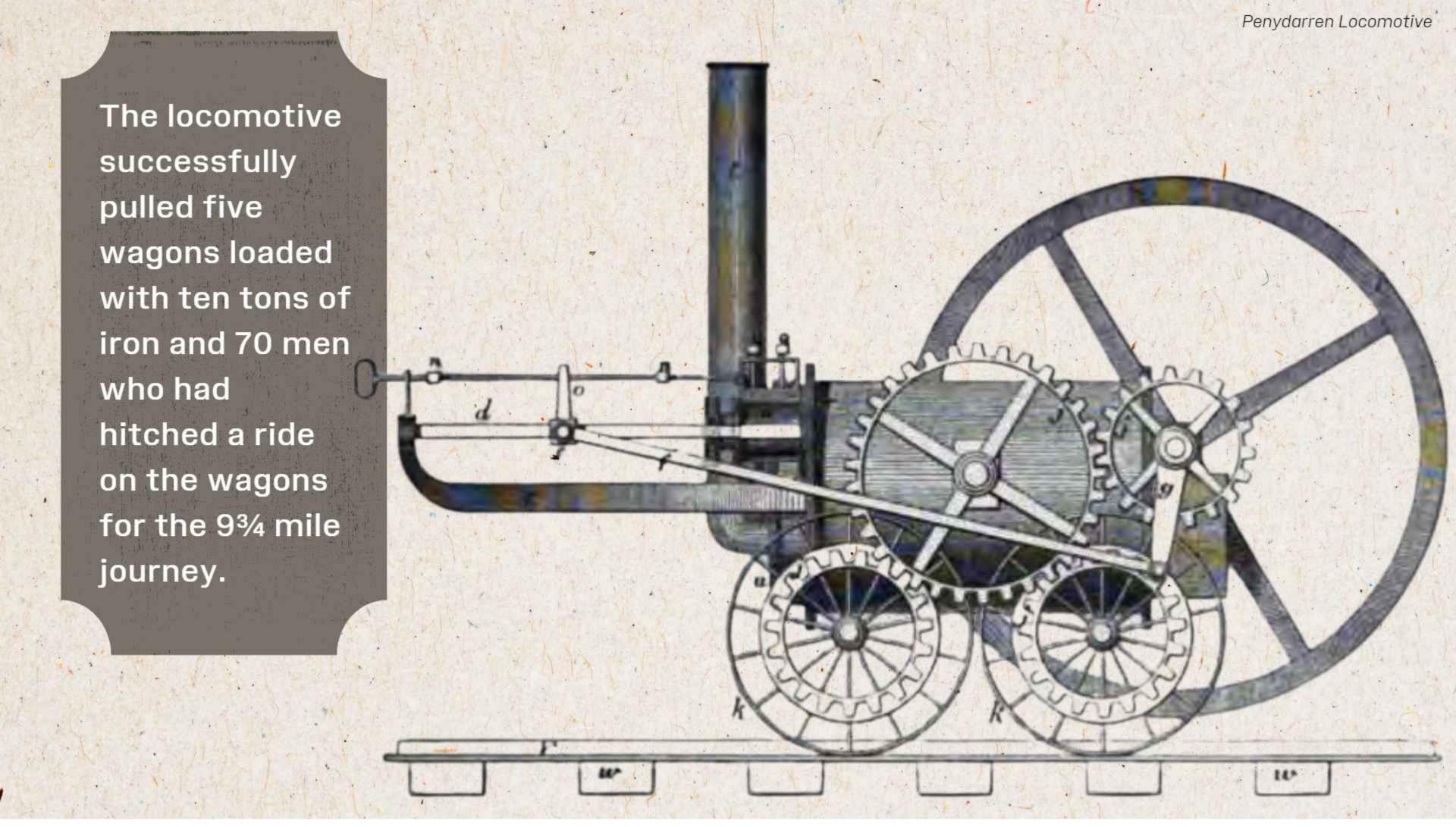












Over the following weeks the locomotive made a number of further journeys the length of the tramroad.



The locomotive was widely reported at home and abroad.

Frequent breakages of the brittle cast iron track by the unsprung locomotive resulted in it being converted into a stationary engine within a few months.

Ipswich &



Journal.

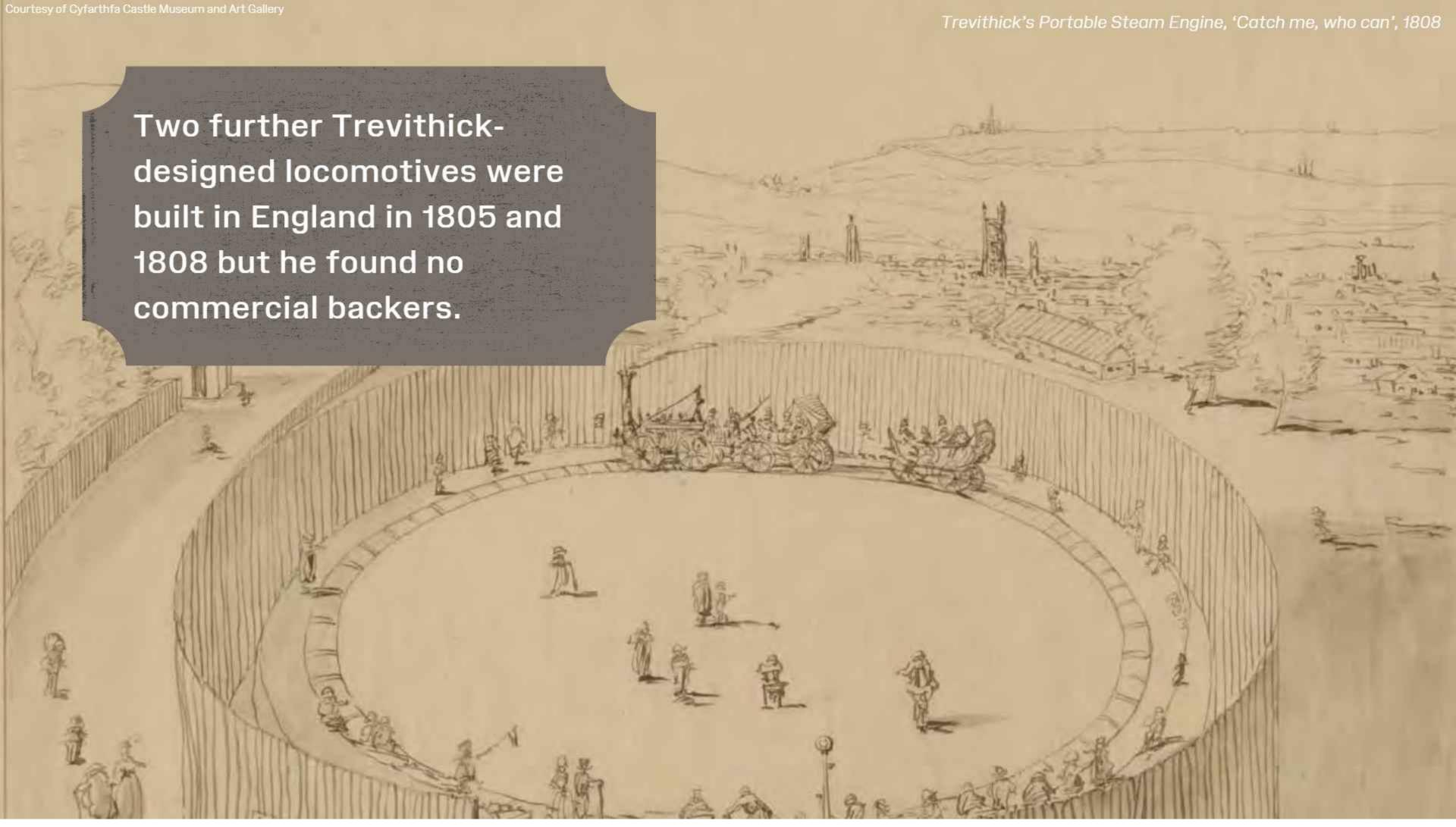
0. 3700

udd Sadwin, Mawith 10, 1904

Saturday, March 10, 1804

Price 6d.

On the 21st, olt, the long expected trial of a new invented steam-engine, to draw and work carriages of all descriptions on various kinds of roads, as well as for other purposes to which its power may be usefully applied, took place near Merthyr Tidvil. The novel application of steam was made use of to convey along the tram road 10 tons of bar-iron, from Penydarran iron-works, to where it joins the Glamorganshire Canal, upwards of 9 miles distance; and the weight of the load was soon increased from 10 to 15 tons, by about 70 persons riding on the trams. The principle of this new engine differs from all water; and discharges its steam in the open air, or applies it to the negting of fluids, as conveniency may require. The expence of it does not exceed one-half of any other. It perform he journey without feedir ie boilers, or using any water; and will travel was ease 5 miles an hour.



I thought I had showed to the public quite enough to recommend it to general use; but though a thing that promised to be so much consequence, has so far remained buried...

Richard Trevithick, April 26, 1812

