



Estras Films Ltd.
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Building IRELAND

A team of expert presenters in engineering, architecture and geography explore some of the finest example of Ireland's building and engineering heritage

6 x 25.00 Series begins Friday 30 September 2016 at 8.30pm on RTÉ One

BUILDING IRELAND returns to explore and explain how Ireland's great building and engineering achievements came to be, and their impact on the development of our towns and cities. In the company of an enthusiastic team of experts, the series marries local heritage with construction technology and engineering. Architecture, geography and engineering are the disciplines brought to bear; each programme focuses on a prime example of Ireland's built heritage and recounts the fascinating story of its construction.

THE PRESENTERS



Tim Joyce is a practicing Civil Engineer with a passionate interest in the way our predecessors got things done with limited resources and technology. He will investigate **WHAT** did they do and **HOW** did they do it?

Dr Susan Hegarty is a Physical Geographer with a fascination for the interaction of people with the landscape. She will explore **WHERE** did they do it and **WHY**?



Orla Murphy is an award-winning architect with an expert knowledge of civic buildings and industrial archaeology who can't stop telling people about it. She will discover **WHO** did it and **WHEN**?

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PROGRAMME BILLINGS



BUILDING IRELAND Programme 1: Spike Island

Geographer Susan Hegarty leads the team on a visit to Fortress Spike Island in Cork Harbour built to defend an Empire, only to become an island prison. Engineer Tim Joyce investigates the military engineering of the vast complex while Architect Orla Murphy explores the Victorian character of Cobh's residential architecture.

TX 30.09.16 at 20.30 RTÉ One TV

BUILDING IRELAND Programme 2: Kilkenny Castle

Architect Orla Murphy recounts the story of Kilkenny Castle, from its origins as a 12th Century fortress to its remodeling as an elegant stately home. Geographer Susan Hegarty explores the layout of mediaeval Kilkenny and Engineer Tim Joyce finds out how a catastrophic flood in 1763 led to new bridges over the Rive Nore that are still in use today.

07.10.16 at 20.30 RTÉ One TV



BUILDING IRELAND Programme 3: Ardnacrusha

Engineer Tim Joyce visits the Ardnacrusha power station to explore the innovative engineering that made it the biggest hydroelectric project in the world when it opened in 1929. Geographer Susan Hegarty investigates the River Shannon as a source of power and Architect Orla Murphy discovers the German influences in the construction of the buildings.

TX 14.10.16 at 20.30 RTÉ One TV

BUILDING IRELAND Programme 4: Kerry Tourism

Geographer Susan Hegarty discovers how an inhospitable but beautiful landscape was exploited as a mass market tourism destination. Engineer Tim Joyce explores the engineering behind Europe's most westerly railway and Architect Orla Murphy investigates the role of a railway company in developing a world class hotel.

TX 21.10.16 at 20.30 RTÉ One TV



BUILDING IRELAND Programme 5: Dublin's Distilleries

Architect Orla Murphy goes in search of the Roe Distillery which was the world's biggest producer of Whiskey by the late 19th Century. Geographer Susan Hegarty discovers how a supply of fresh water was crucial for large and small industry in the Liberties, while Engineer Tim Joyce investigates the science and technology for making whiskey.

TX 28.10.16 at 20.30 RTÉ One TV

BUILDING IRELAND Programme 6: Galway's Corrib Canal

Engineer Tim Joyce discovers the canal system in Galway and its impact on the shape of the city. Geographer Susan Hegarty explores the caves under Lough Corrib to understand the difficulties in canal construction while Architect Orla Murphy looks at the building of the University in Galway and how it fulfilled the ambitions of the City of the Tribes.

TX 04.11.16 at 20.30 RTÉ One TV

