

Understanding Property Flood Resilience

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Plan for the session

Time	Activity	Led by
4.00-4.10	Introductions & Aims of the session, Aardman Animation	Janica Birch, SW PFR BeFloodReady Pathfinder project
4.10-4.20	Flood mapping & introduction to Property Flood Resilience (PFR)	Phil Emonson, JBA Consulting
4.20-4.45	Live demonstration of PFR products	Louisa Inch & Team, Premier Water Solutions
4.45-4.50	Funding PFR	Phil Emonson, JBA Consulting
4.50-5.00	Summary & questions	Janica & All

Acknowledgements

This workshop has been developed as part of the Defra funded South West Property Flood Resilience (PFR) Pathfinder Project.

The project is supported by the Environment Agency & led by Cornwall Council on behalf of the LLFA's in the SW (Devon County Council, Plymouth City Council, Torbay Council & Council of the Isles of Scilly).

We work with the key organisations listed below, who are all critical partners in the success of the project.



Environment
Agency



CORNWALL
COUNCIL



Devon
County Council



PLYMOUTH
CITY COUNCIL

TORBAY
COUNCIL



Council of the
ISLES OF SCILLY



Today's aim:

- Our aim today is to provide you with information on Property Flood Resilience (PFR).
- We want to help you understand PFR's role in managing flood risk.
- We also want to give you a live demonstration of PFR products.
- We hope that after today you can help yourself, your business, your organisation, or your community to make informed decisions about PFR in the face of flooding.



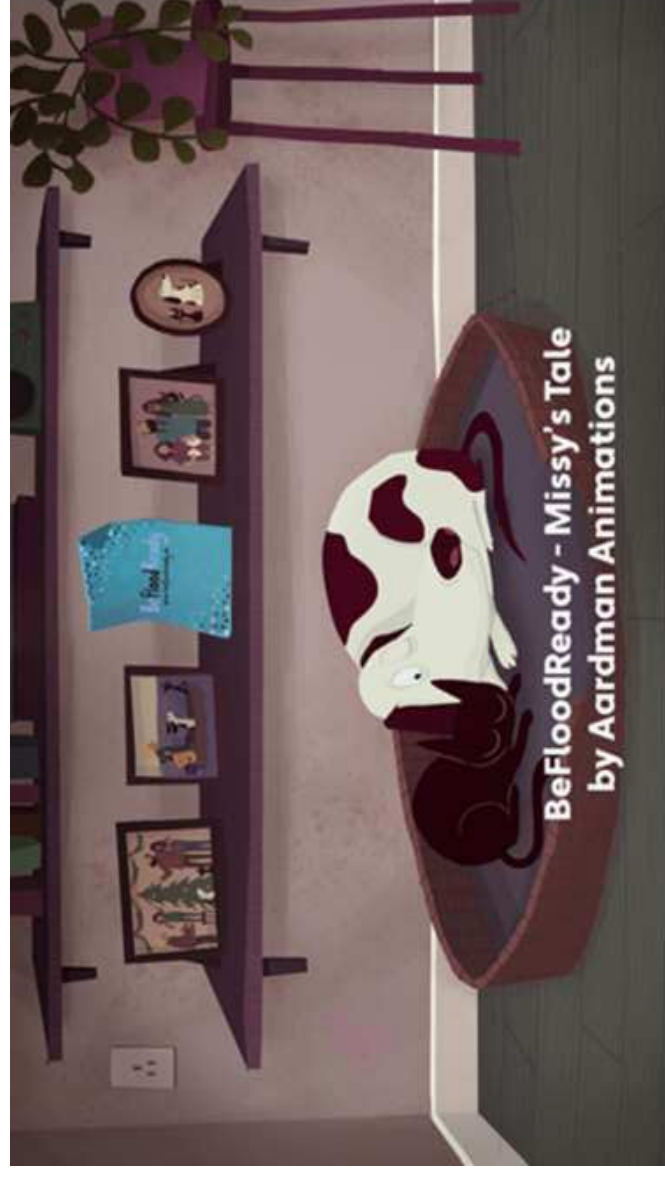
Aardman Animations – ‘BeFloodReady, Missy’s Tale’

We are delighted to share our eagerly awaited release of our collaboration with Aardman Animations, ‘Missy’s Tale’.

Our furry stars, can’t wait to share their big adventure about flooding and Property Flood Resilience (PFR) with you, and they are very excited about meeting you at their premiere!

Missy & Archie’s debut [BeFloodReady | Property Flood Resilience \(PFR\) | Helping reduce flood risk](#)

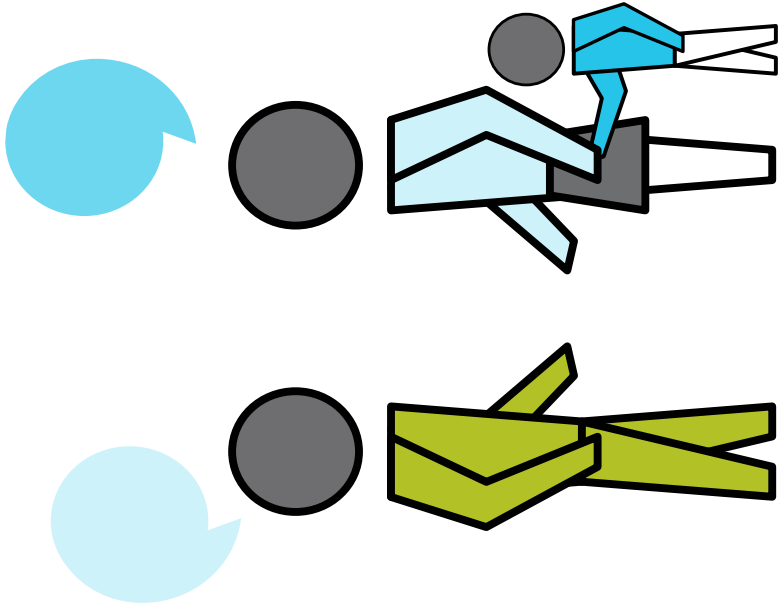
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**Property Flood
Resilience
Information Booklet**

Understanding
Property Flood Resilience (PFR)



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About



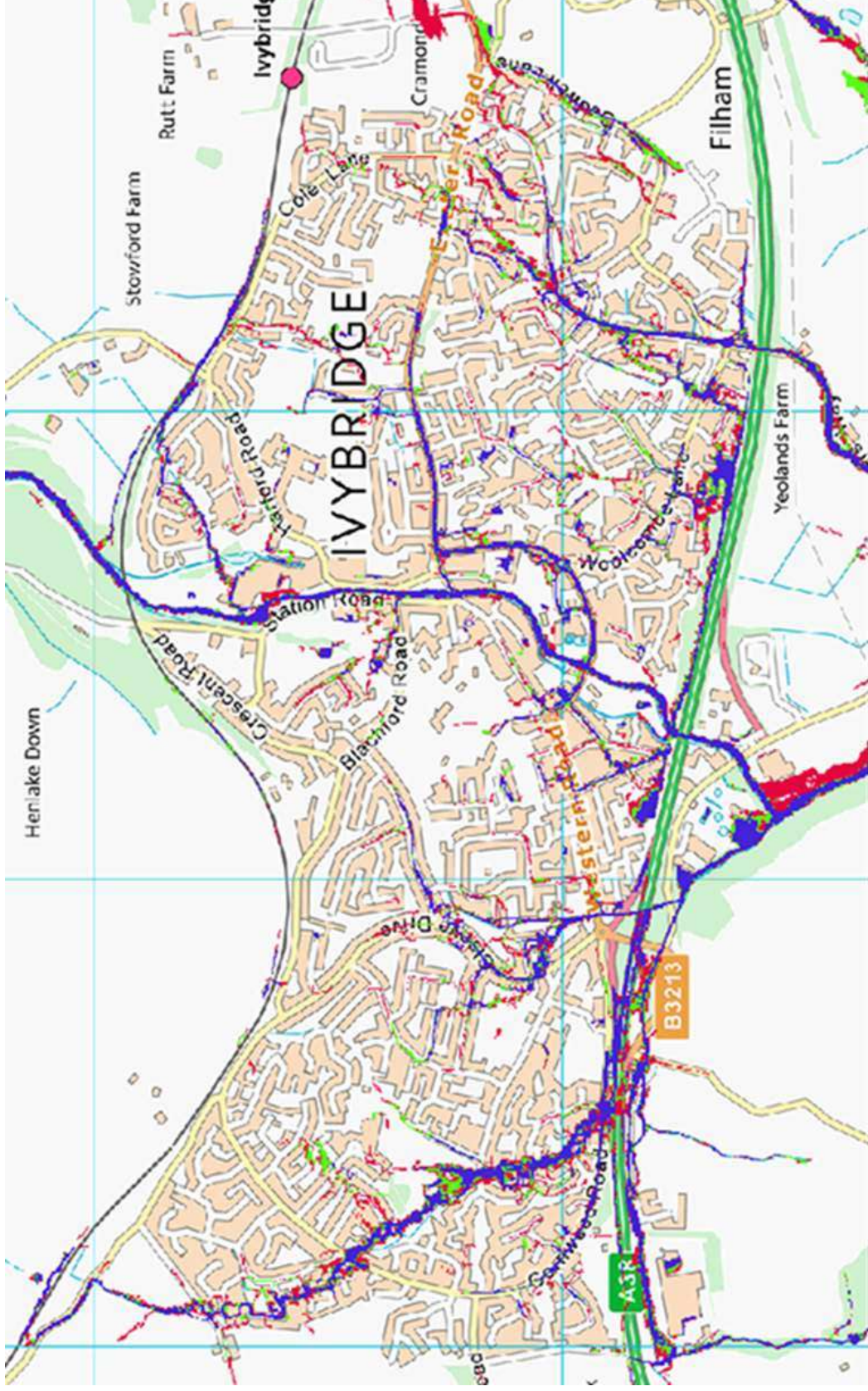
Resources

Climate Change

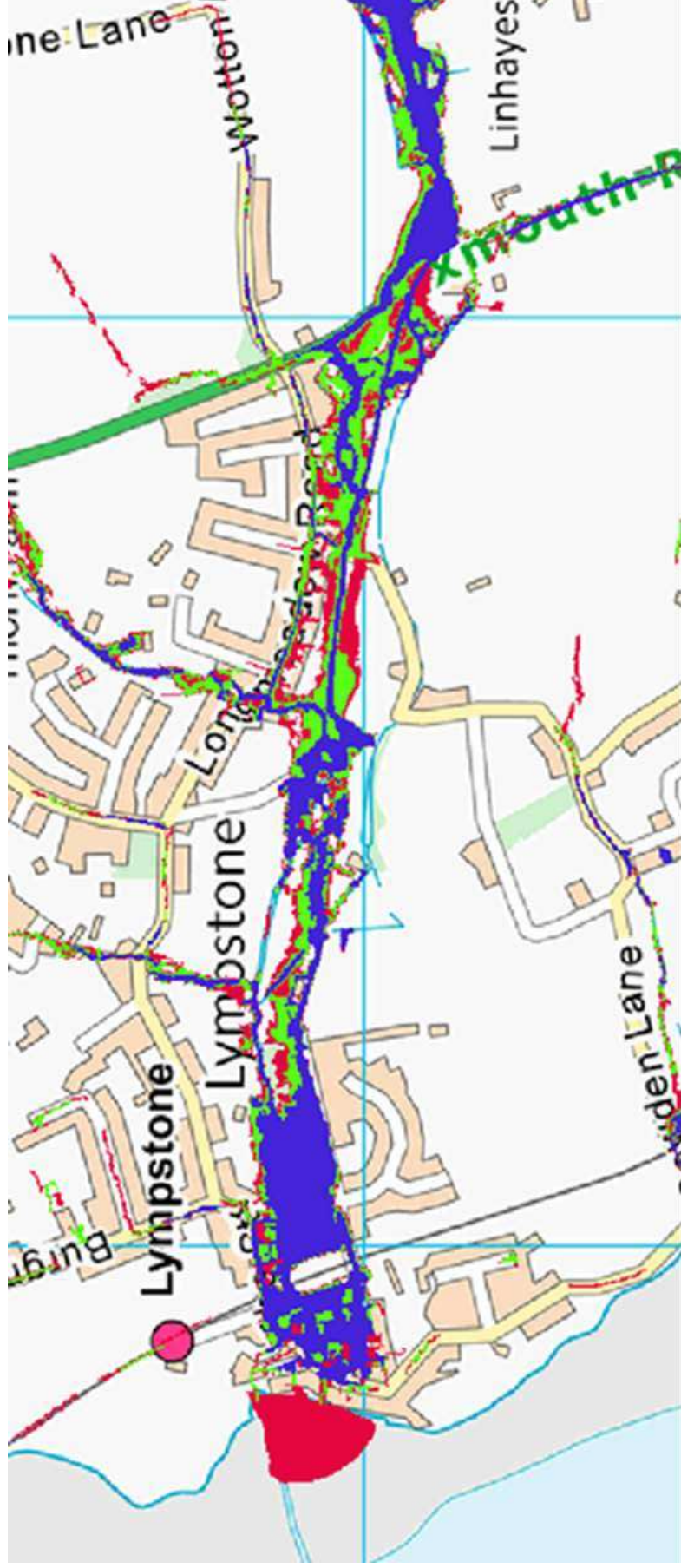


- Climate change is likely to lead to increasingly uncertain weather patterns.
- Unusual and extreme weather events are likely to become more commonplace in the future, with the rarest events becoming more extreme than those in the past.
- Flood risk in many locations may increase in the near future. 

Surface Water Mapping for Climate Change

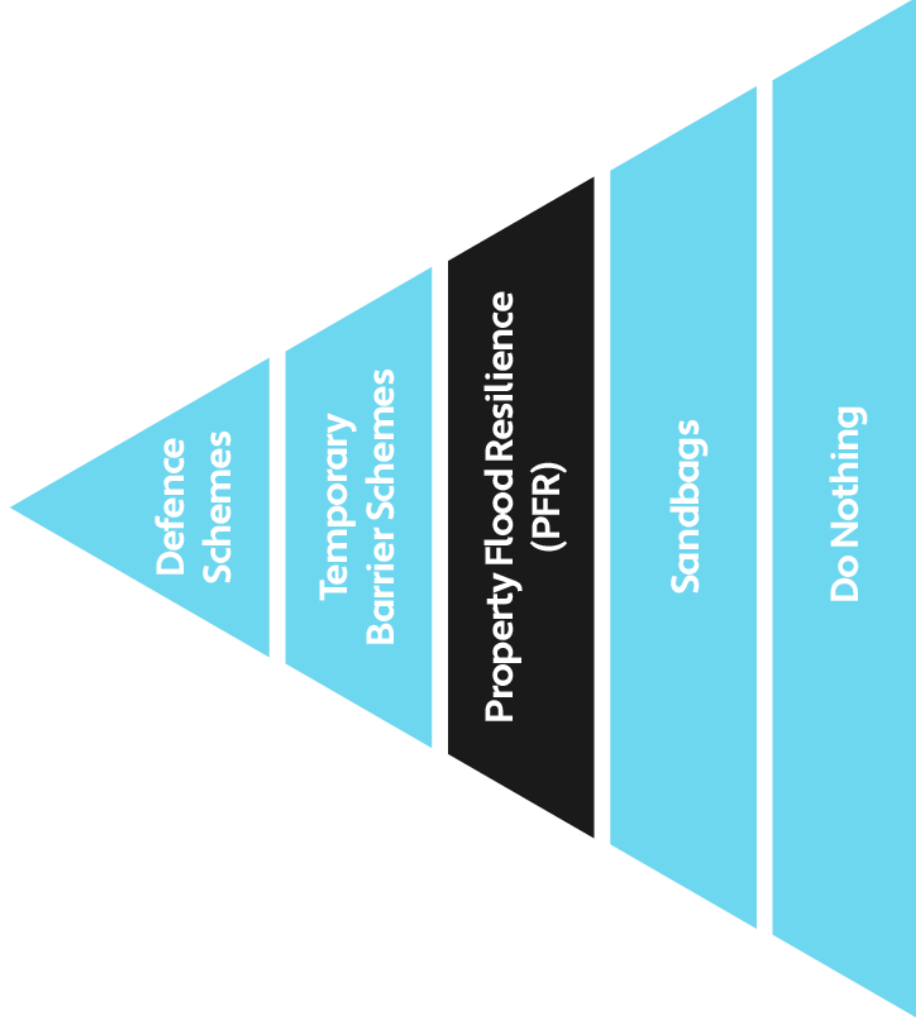


Surface Water Mapping for Climate Change



Flood Protection Hierarchy

The flood protection hierarchy shows how PFR bridges the gap between large scale flood defence schemes and traditional sandbags.



Property Flood Resilience

Property Flood Resilience is the term used to describe **measures that help to reduce flood risk** to people and property.

These measures enable households and businesses to **reduce the damage caused by floods and make recovery and reoccupation easier.**



Resistance Measures

These can be fitted to a property, forming a **physical barrier** between the flood water and the building.

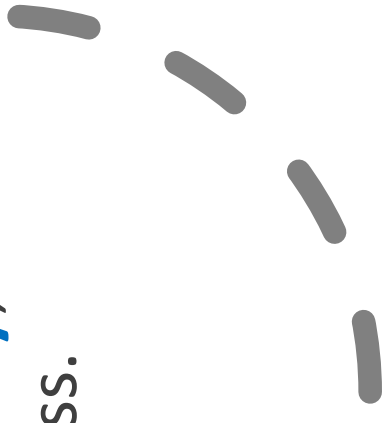
These measures aim to **reduce the amount of water entering** the building, thereby **reducing the damage caused internally**.



Resilience Measures

These are used to **adapt the internal property**, aiming to **limit the damage** caused if water does enter a building.

These measures allow the **clean-up and repair process to happen quickly**, improving the recovery process.



Resistance

Flood Barriers & Doors

Flood Gates

Self-Closing Airbricks

Air Vent Protection

Non-Return Valves

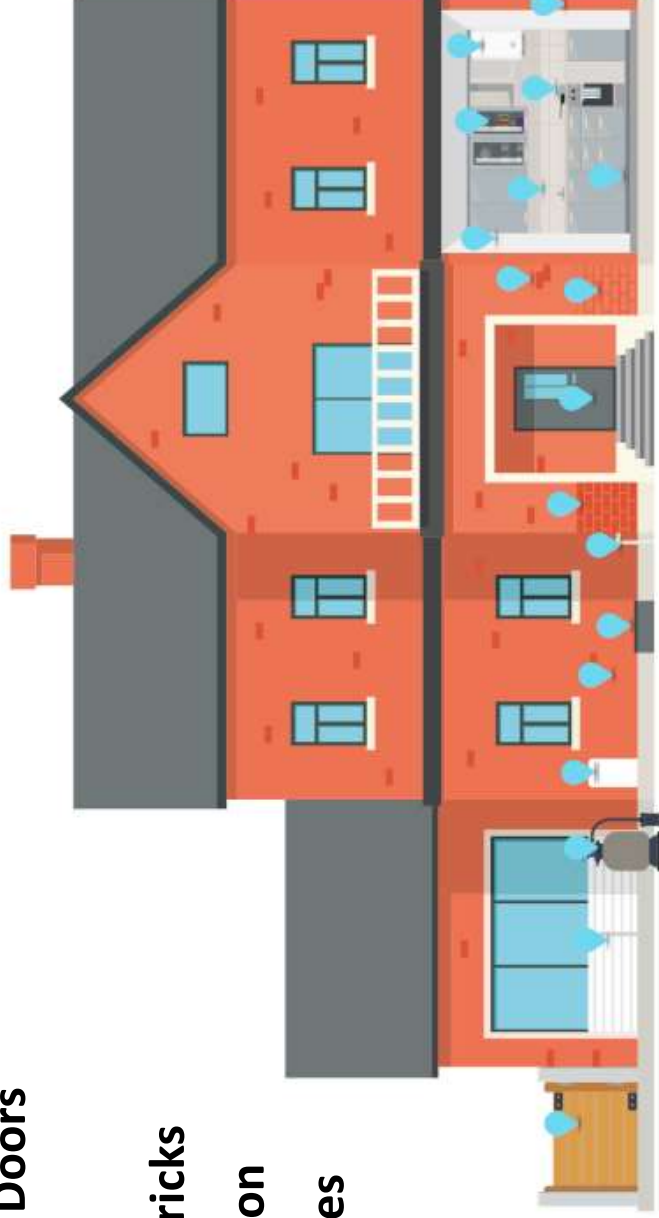
Pumps

Tanking

Silicon Sealing

Re-Pointing

Waterproof Spray



Resilience

Resilient Walls

Resilient Floors

Resilient Furniture

Resilient Rooms

Raising Electrics

Raising Boilers

Resilient Storage

Funding for PFR

Privately Funded

PFR measures are often privately funded by homeowners or business owners who want to invest in reducing their own flood risk.

Flood Risk Management Scheme

PFR is sometimes used as part of a larger flood risk management scheme run by the Environment Agency or Local Authority.

Grant Schemes

Community schemes delivered by the Environment Agency and Local Authorities.

There are also often Government Flood Recovery Grant Schemes following major flood events.

Be Flood Ready



Key Items



Community Hub

Before a Flood

Advice on how to understand your flood risk, prepare, and protect yourself and your property from flooding now and in the future.

[Read more](#)

During a Flood

Information and guidance to help you and keep you safe through the initial stages of recovery after a flood.

[Read more](#)

After a Flood

Information on advice and guidance to help and assist you through the initial stages of recovery after a flood event.

[Read more](#)

Property Flood Resilience PFR
Helping you to reduce Flood Risk

Get Ready Now




I am a **Business**



I am a **Resident**

Be Flood Ready Stories

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Helping you to reduce Flood Risk

Get Ready Now



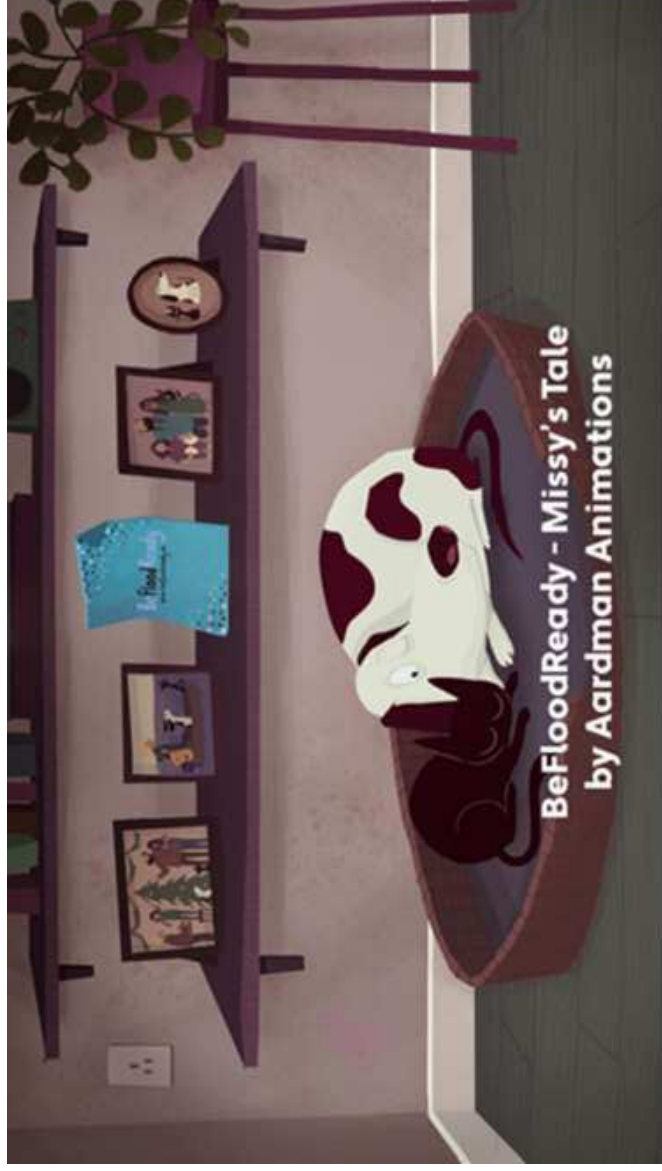

I am a Business



I am a Resident

Be Flood Ready Stories

Any Questions?



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