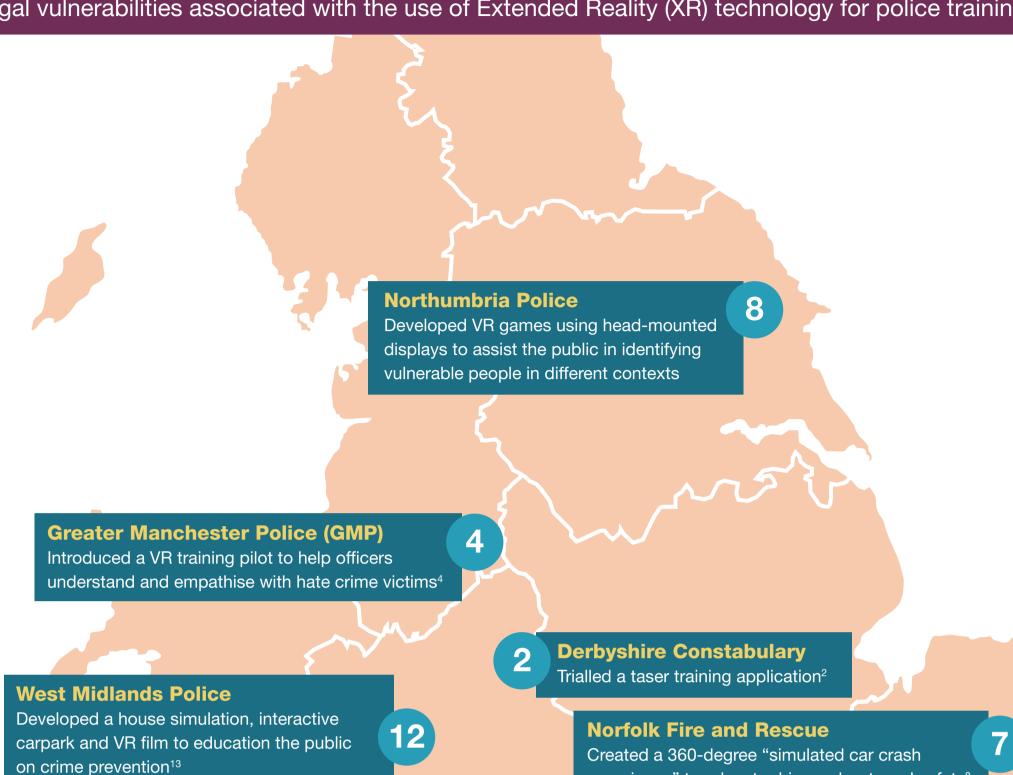
Geographical Overview of XR use by Police in England and Wales

First RespondXR is a SPRITE+-funded project which aims to map the social, ethical, technical, and legal vulnerabilities associated with the use of Extended Reality (XR) technology for police training.



South Wales Police

Developed several VR

scenarios to familiarise

contexts (custody, house

entry and tactical pursuits)¹⁰

officers with different

West Mercia

Developed a VR mobile application for 17-25 year olds on road safety and peer pressure¹²

> **Gwent Police** Used a 280 degree

11

screen to create fully immersive training for police officers on how to deal with domestic abuse cases⁵

experience" to educate drivers about road safety8

Warwickshire Police

Launched a project using individual headsets to show a 360 degree film with young people to discuss around underage drinking and personal safety11

Essex Police

Trialled a VR system for firearms training, including through a free-roam exercise³

Metropolitan **Police Service**

Use VR training for domestic violence response,⁶ terrorism awareness, investigative skills, racial bias awareness and drone familiarisation⁷



Devon and Cornwall Police Investigating CSI training application¹

- 1 Open Innovation Team, 'Virtual Reality in Police Training: Rapid Review', 2022.
- BBC Click, AVRT BBC Click Episode, YouTube, 2021 https://www.youtube.com/watch?v=59B5Z0rTBDU&ab_channel=AVRTTraining; Mark Dugdale, 'AVRT Platform Takes Training to a Whole New Level', Virtual Reality World Tech, 19 August 2020 https://vrworldtech.com/2020/08/19/avrt-platform-takes-training-to-a-whole-new-level/; Derbyshire Constabulary, 'Derbyshire Police Trialling Cutting Edge Virtual Reality Training Tool' (Derbyshire Constabulary,
- < https://www.derbyshire.police.uk/news/derbyshire/news/news/forcewide/2020/august/derbyshire-police-trial-like and the control of the contalling-cutting-edge-virtual-reality-training-tool/>.
- 'AVRT Set up Possibly the Largest Free-Roam VR Training System in the UK' (AVRT, 2021) https://avrt.training/avrt-set-up-possibly-the-largest-free-roam-vr-training-system-in-the-uk/.
- Josie Le Vay, 'We Tried on the VR Goggles Manchester Police Are Using to Train 2,000 Officers in Tackling Hate Crime', Manchester Evening News, 18 August 2021
- https://www.manchestereveningnews.co.uk/news/greater-manchester-news/tried-vr-goggles-manchester-p olice-21335451>; 'Greater Manchester Police Officers given Virtual Reality Training around Hate Crime', ITV News, 18 August 2021
- https://www.itv.com/news/granada/2021-08-18/gmp-officers-to-virtual-reality-training-around-hate-crime>. 'Police Use Virtual Reality to Help Tackle Domestic Abuse', BBC News, 19 February 2018 https://www.bbc.co.uk/news/av/uk-wales-43121253; 'UK Police Force Launches The First Virtual Reality
- Training Program' (AR Post, 2018) .
- Antser, 'Antser Partners with Met Police to Increase Responsiveness to Domestic Abuse Incidents through the Use of Innovative VR Technology', 2021
- https://www.antser.com/antser-partners-with-met-police-to-increase-responsiveness-to-domestic-abuse-in cidents-through-the-use-of-innovative-vr-technology/>; Paul Jacques, 'Virtual Insight into Domestic Abuse', Police Professional, 16 December 2021 https://www.policeprofessional.com/feature/virtual-insight-into-domestic-abuse/>.

- 7 Open Innovation Team.
- Paul Jacques, 'Virtual Reality Drives Home Crash Consequences', Police Professional, 12 July 2017 https://www.policeprofessional.com/news/virtual-reality-drives-home-%C2%91crash-consequences%C2
- 'Force to Use State-of-the-Art Technology to Teach Public about Vulnerability' (Northumbria Police, 2019) https://beta.northumbria.police.uk/latest-news/2019/august/force-to-use-state-of-the-art-technology-to-te ach-public-about-vulnerability/>; 'It Could Be Important' (Pocket Sized Hands, 2019) https://pocketsizedhands.com/our-work/itcouldbeimportant/>.
- 10 Open Innovation Team.
- 11 Warwickshire Police, 'New Virtual Reality Headsets Launched to Help Young People Understand Issues Affecting Them' (Warwickshire Police, 2020) https://www.warwickshire.police.uk/news/warwickshire/news/2020/march/new-virtual-reality-headsets-laun ched-to-help-young-people-understand-issues-affecting-them/>.
- 12 'Green Light Safety App (Drive VR)' (The Road Safety Trust) https://www.roadsafetytrust.org.uk/projects-option-2/west-mercia-police; 'DriveVR', DriveVR
- 13 Mark Dugdale, 'VR Proves Impactful in Educating Young People about Dangers of Knife Crime', Virtual Reality World Tech, 19 July 2021
 - https://vrworldtech.com/2021/07/19/vr-proves-impactful-in-educating-young-people-about-dangers-of-knife-crime/
 - >; Taylor Rooke, 'West Midlands Police Using Virtual Reality to Tackle Gang Violence', Birmingham Updates, 21 September 2020
 - https://www.birminghamupdates.com/west-midlands-police-using-virtual-reality-to-tackle-gang-violence/; 'Interactive Car Park Helps Combat Vehicle Crime' (West Midlands Police, 2021)
 - https://west-midlands.police.uk/news/interactive-car-park-helps-combat-vehicle-crime; 'House Discloses Crime Prevention Tips as Part of West Midlands Police Anti-Burglary Campaign' (Secured By Design, 2019) https://www.securedbydesign.com/about-us/news/house-discloses-crime-prevention-tips-as-part-of-west-midlands -police-anti-burglary-campaign>; Kelly Harris, 'Virtual Reality Crime Scene Launched to Help Residents Beat
 - Burglars', Dudley News, 1 October 2018 https://www.dudleynews.co.uk/news/16952737.virtual-reality-crime-scene-launched-help-residents-beat-burglars/>.











