

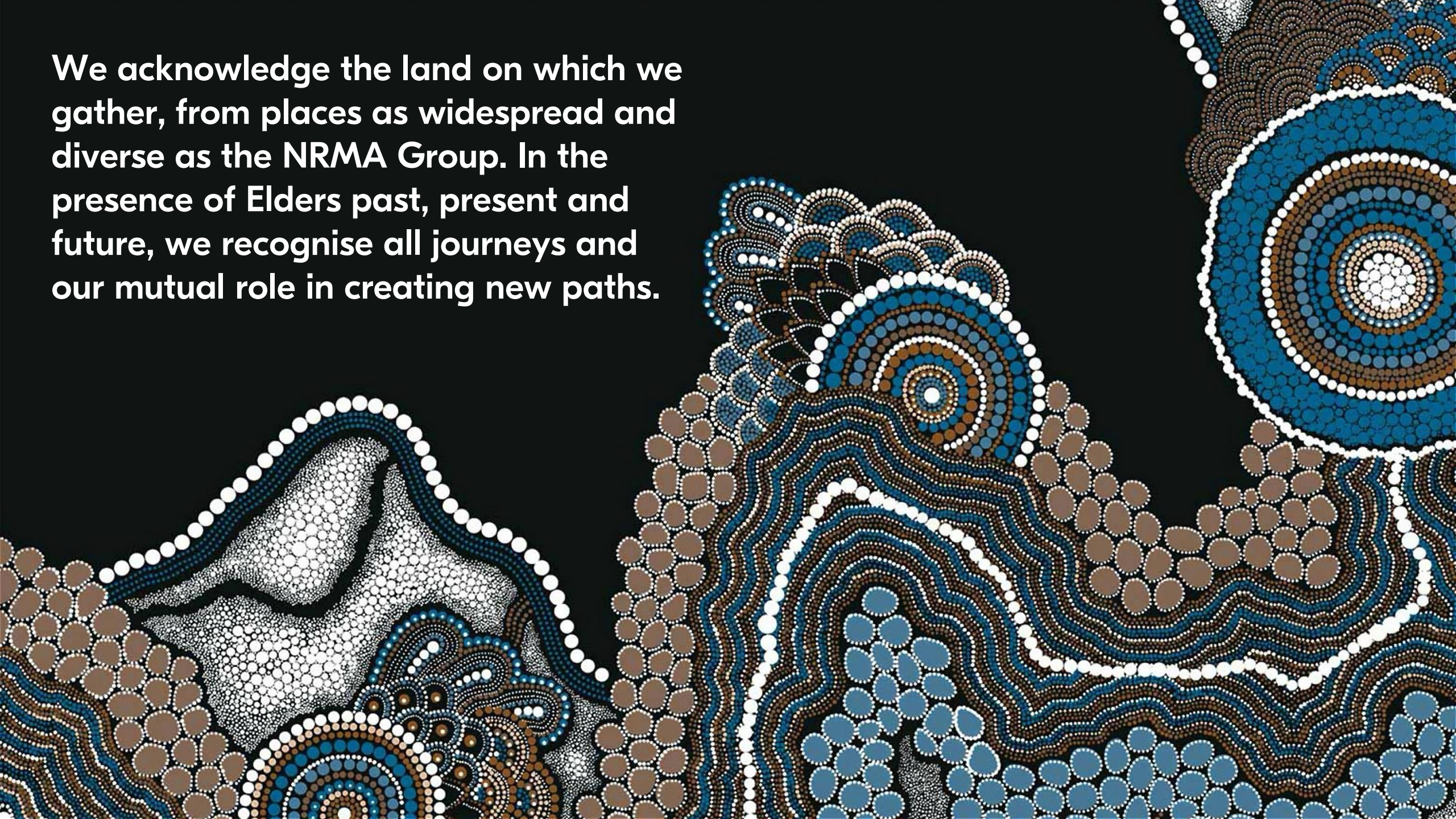


ROAD
TRAVEL
REWARDS

E-bikes and scooters

Stage 3 Road Safety Education

We acknowledge the land on which we gather, from places as widespread and diverse as the NRMA Group. In the presence of Elders past, present and future, we recognise all journeys and our mutual role in creating new paths.



Course content

1.0 E-mobility and the law

1.1 E-scooters

2.0 E-bike maintenance and modifications

3.0 E-bike road safety

E-mobility and the law

- ✓ Power-assisted pedal cycles
- x Petrol-powered bicycles
- x Private e-scooters

E-riders must comply with the road rules for bicycles.



Road rules for riders



E-scooters



Sustainable and accessible transport option



Currently illegal in NSW



- Slow down
- Wear a helmet
- Avoid uneven ground



Infinite power

Fun fact:

E-bike motors give you a boost while you pedal, but only up to 25 km/h. After that, it's all you powering the ride.



E-bike maintenance and modifications

Modifying or 'tuning'
e-bikes may not only
be dangerous, it could
be illegal.



Battery safety

For more information visit
fire.nsw.gov.au/chargesafe

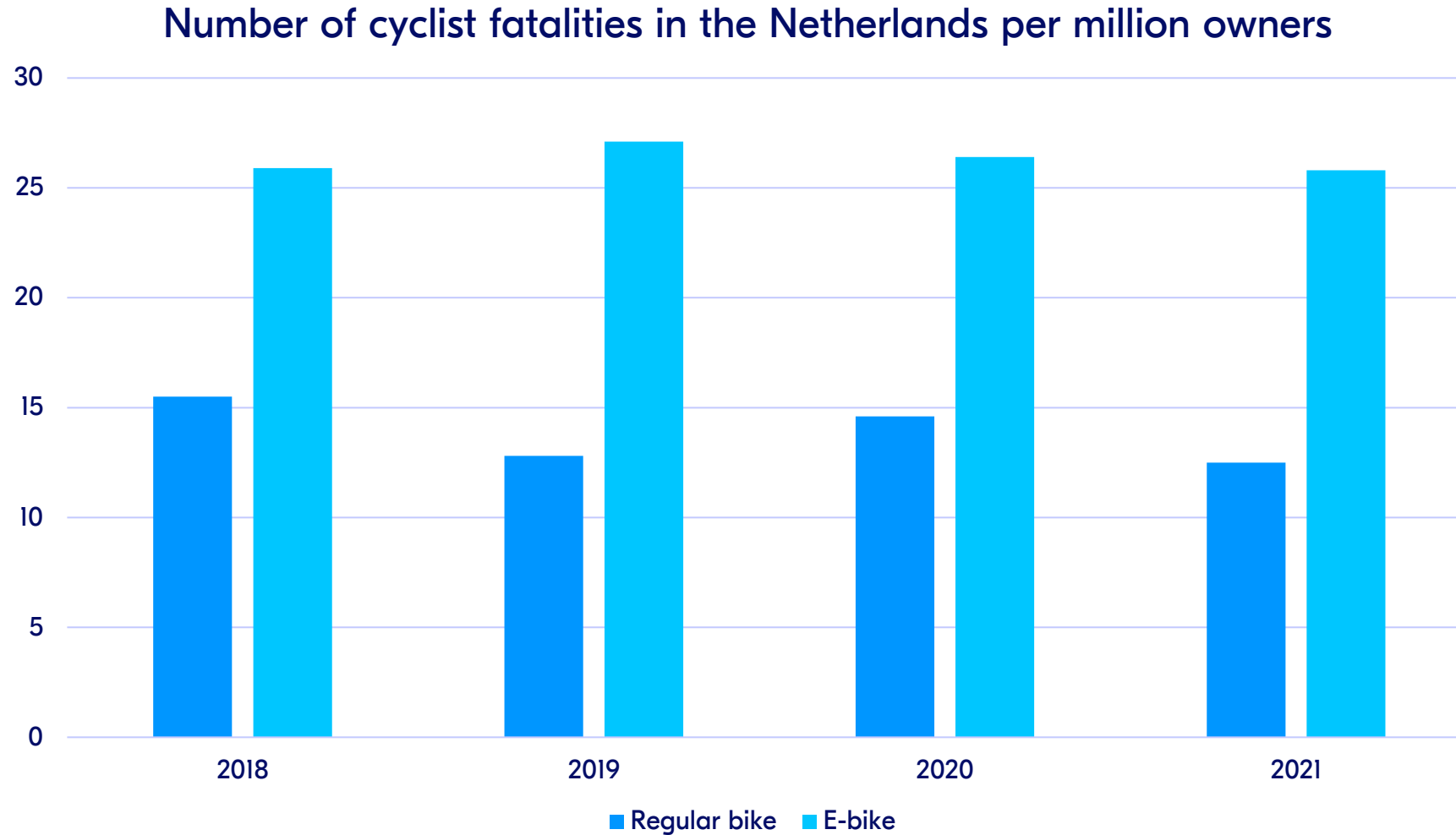


Lithium-ion batteries are the fastest growing fire risk in New South Wales. Charge E-bikes and E-scooters safely to reduce your risk.

- ⚠ Don't charge when you're asleep.
- ⚠ Don't charge in or near living-spaces like bedrooms or living rooms. Charge in an open area like a garage or shed, away from exits. Make sure you always have a working smoke alarm.
- ⚠ Once the battery is full, disconnect it from the charger.
- ⚠ Charge batteries on hard surfaces like concrete or tiles. Make sure that there's nothing around it that could catch on fire.
- ⚠ Always use the charger that came with your device. Just because the plug fits, it doesn't mean it's compatible.
- ⚠ Buy known brands with the Australian Regulatory Compliance Mark tick.



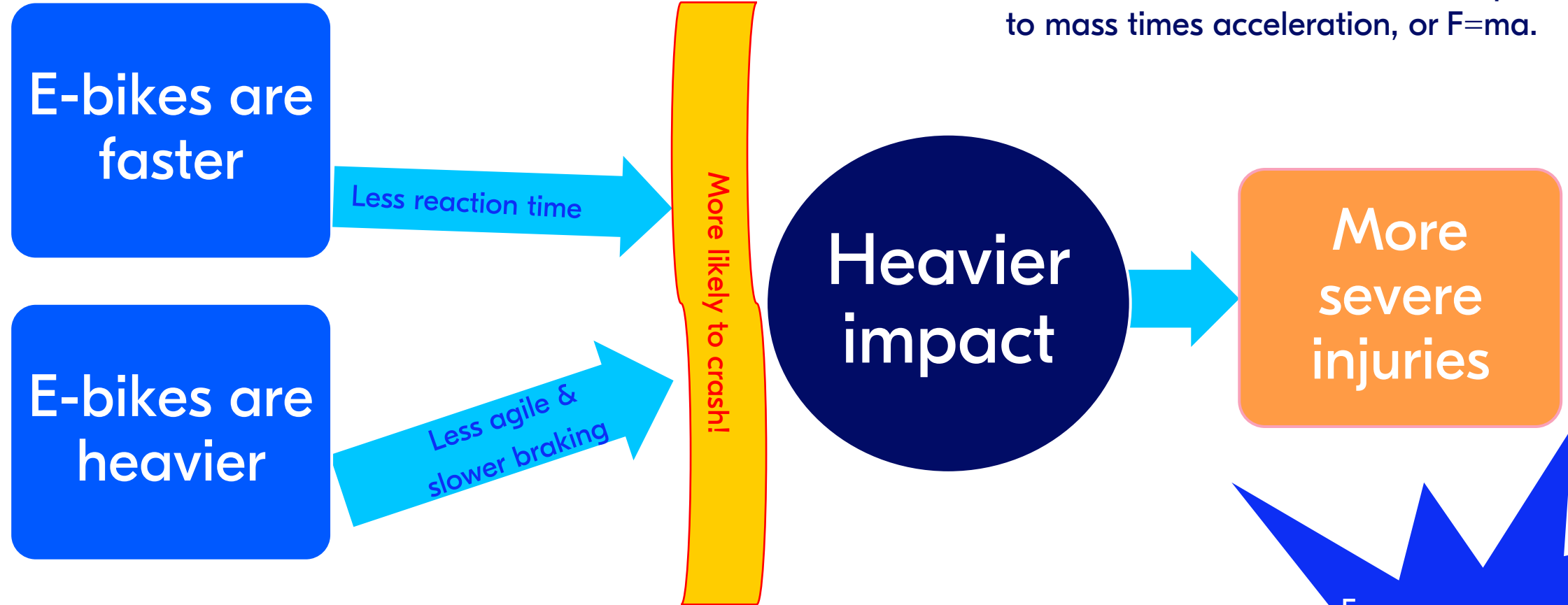
Responsible riders



E-bike riders face a higher risk of dying.

Source: [Centraal Bureau voor de Statistiek \(CBS\)](#)

Why?



Science: Newton's Second Law.
This law states that the force is equal to mass times acceleration, or $F=ma$.

For you, your passenger/s, the people you hit, even damaging property.

Risky to righteous!



Picture credits:
1. Richard Dobson
2. Northern Beaches Council

E-bike code



- Pedestrians have right of way.
- Slow down to walking pace when others are on the path.
- Ring your bell and call 'on your right' to let others know you're approaching.
- Be ready for sudden changes — people, pets and prams can be unpredictable.

Classroom conversations

- Describe a situation where slowing down could prevent a serious injury to you or others. What will you do differently?
- What steps would you take before riding an e-bike on your own for the first time?
- Imagine you're talking to a friend who never wears a helmet. What would you say to help change their mind?
- How would you feel if you were to injure someone, either your passenger or a pedestrian, whilst riding your e-bike?
- If you modify your e-bike what do you think the legal implications could be for you – what might happen if you were to then injure someone?