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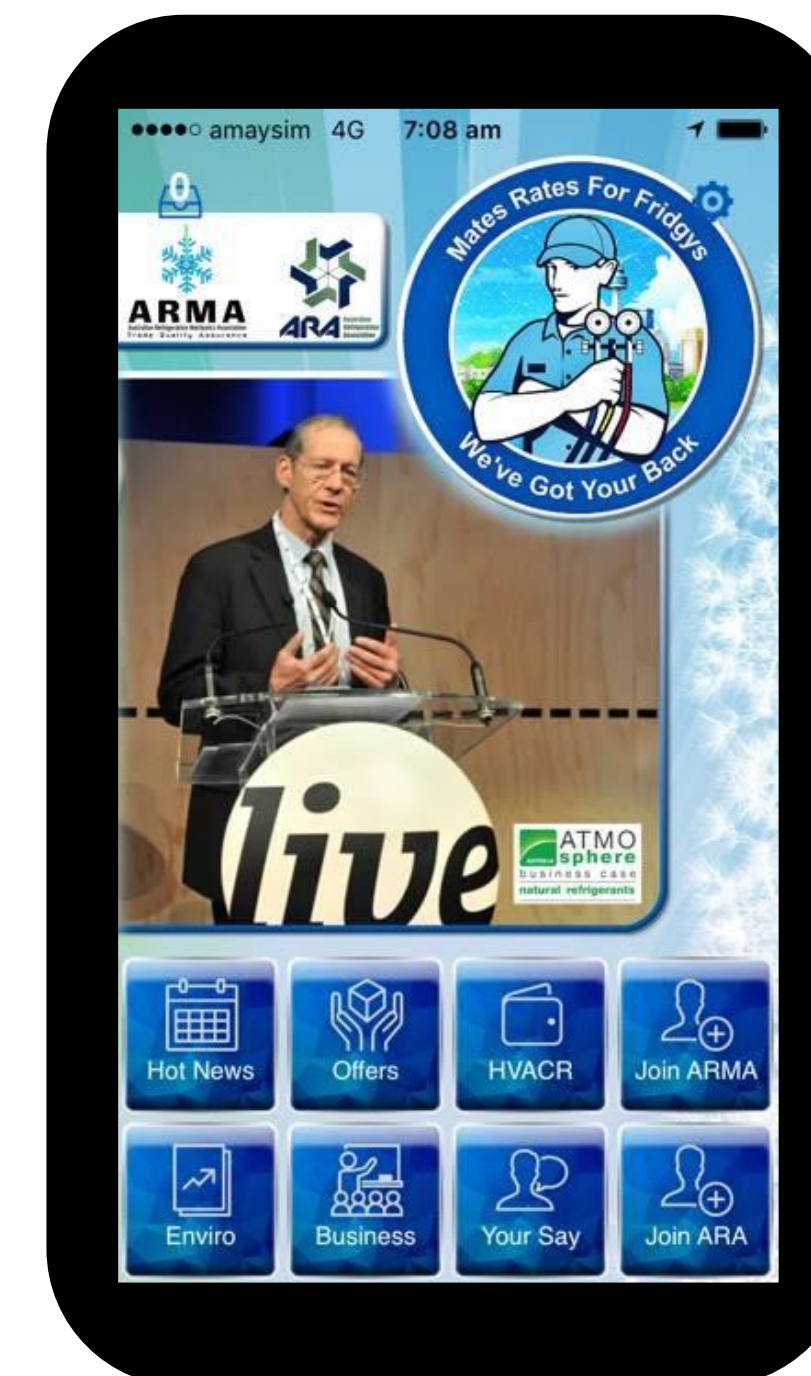
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Training for the Future

NOW!

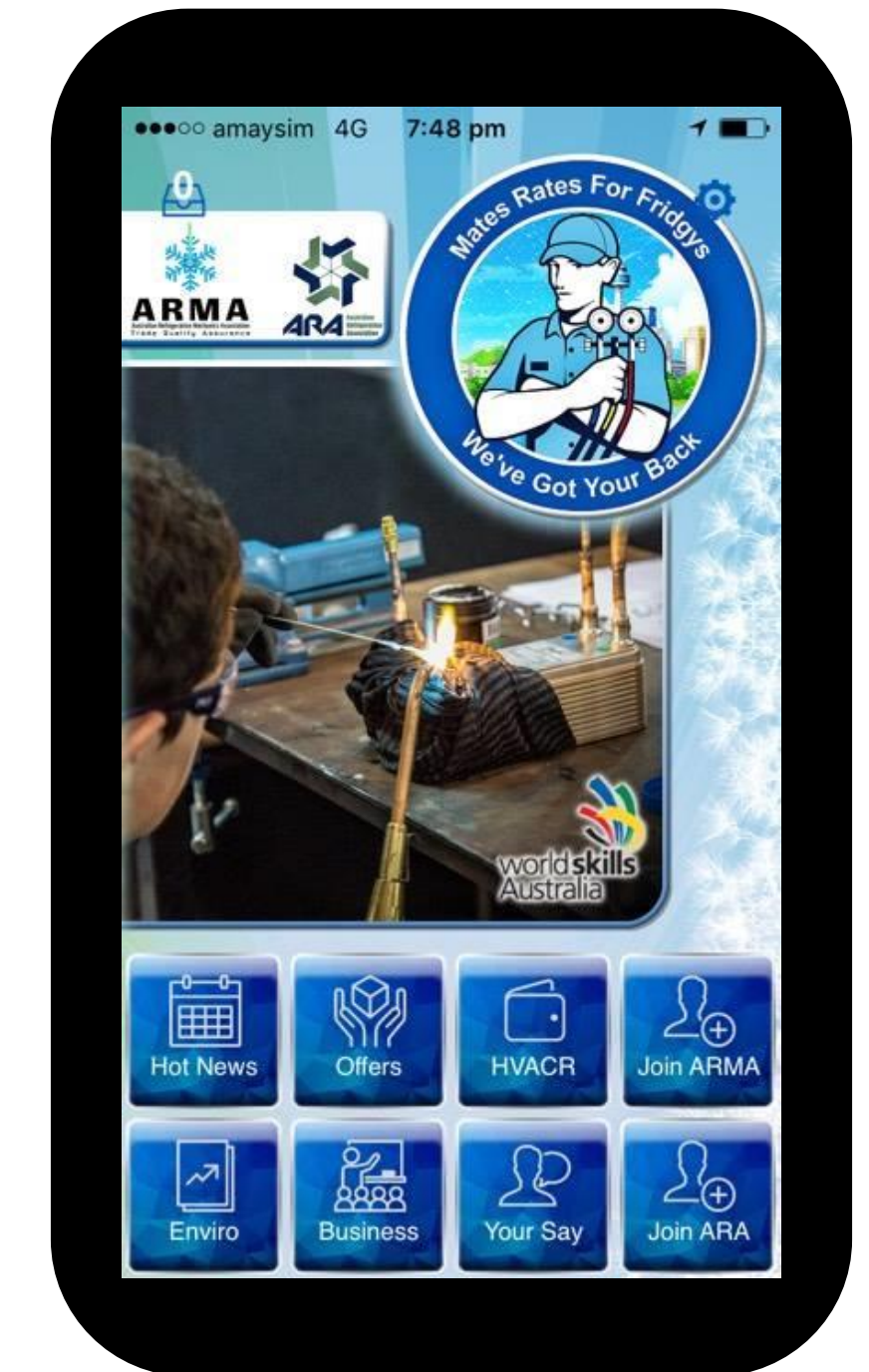
HVAC&R TRANSITION READY FOR 01 JANUARY 2018

- OPSGGM Act & Montreal Protocol – phasing down HFCs
- Upskilling 95% of HVAC&R tradespeople and apprentices in all refrigerants
- HVAC&R Occupational Licence
- Continual Professional Development



TRAINING BARRIERS

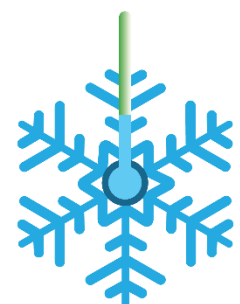
- **Seek The Establishment of an independent HVAC&R IRC**
- Currently misaligned under Electrotechnology
- 15 Representatives, Electrical, Plumbing & HVAC&R
- 2 Are HVAC&R –Members ARC
- Supply Chain
- Funding



NATIONAL PROJECTIONS

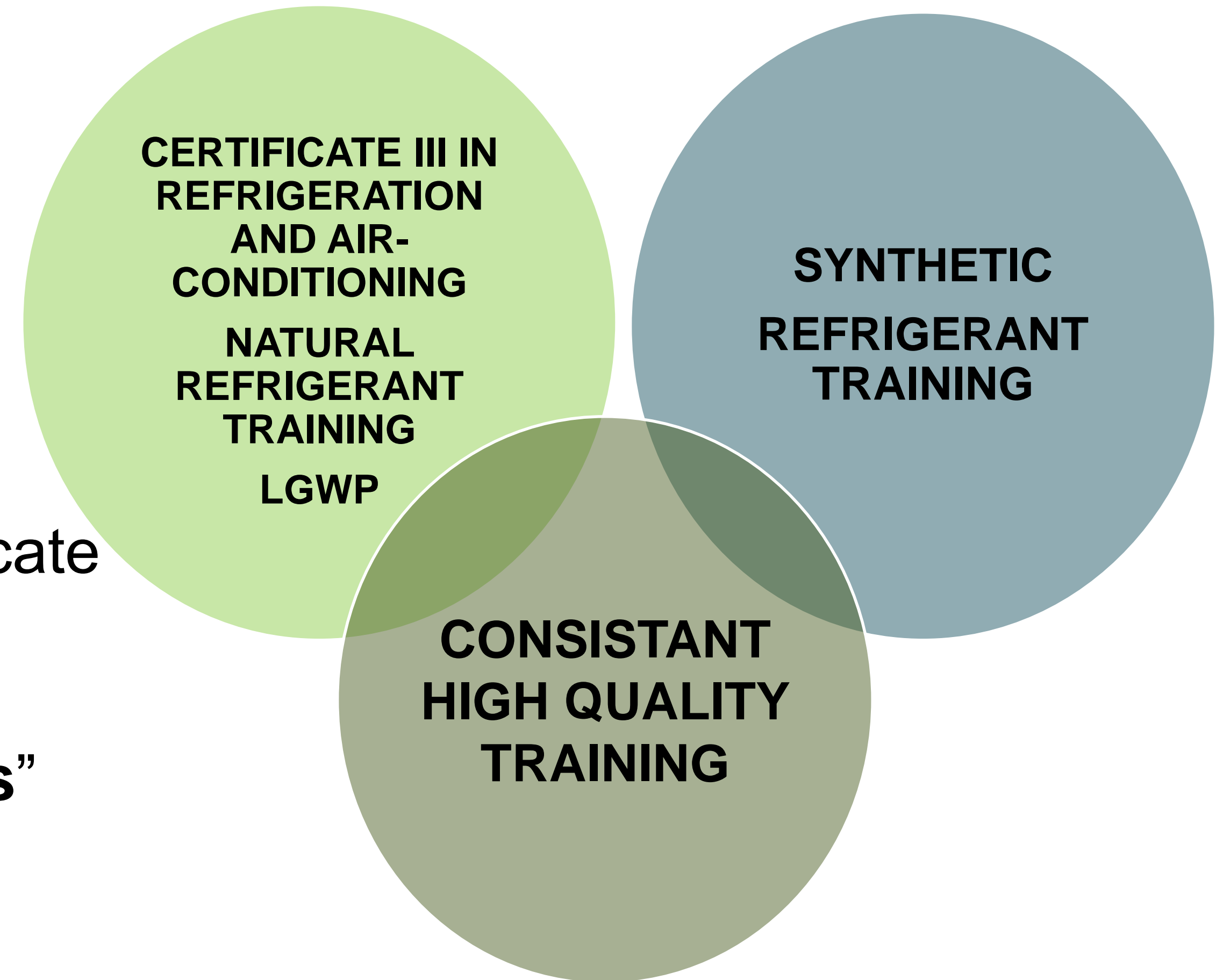
November 2015 to November 2020

Occupation	Employment Level November 2015		Department of Employment Projections November 2020	
	Total	Total	Growth	Change
Total Growth Change				
Air-Conditioning and Refrigeration Mechanics	24267	24299	32	0.13%
Electricians	165540	191566	26025	15.72%



Certificate III & IV Review

- ARMA Are Not Supportive of “ **Any Reduction**” in competencies at the Certificate III level
- Apprenticeship – “**Entry Level Only**”
- Natural Refrigerants “**Core Competencies**” within the Certificate III qualification
- **Greater Industry Consultation**
- Reducing competencies in Certificate III “Catch All Qualification”



GOAL SETTING FOR FUTURE

- ARMA mentoring 14 final year Engineering students
- Projects development by Stefan Jensen – SCANTEC
- Natural Refrigerant Projects which include:
 - *Installed efficiency of Split AC Systems*
 - *Energy performance benchmarking*
 - *investigation of alternative refrigerant options for automotive HVAC systems*
 - *Analysis of economic and environmental considerations (life cycle) for natural and synthetic refrigerants*
 - *Risk evaluation of refrigerants in process rooms*



Dr Bianca Capra and several of the participating students.

ADULT TRADE APPRENTICESHIP OPPORTUNITIES FOR EX-DEFENCE and VETERANS

HELPING OUR HEROES!

Australian Refrigeration Mechanics Association (ARMA) partnership with East Coast Apprenticeships securing Trade Apprenticeships for Ex-Defence personnel

- Expanded Defence Trade Program
- 40% RPL potential For Ex-Defence Personnel
- ARMA Proud of “Initiative” First In Industry



ARMA
Australian Refrigeration Mechanics Association
Trade Quality Assurance

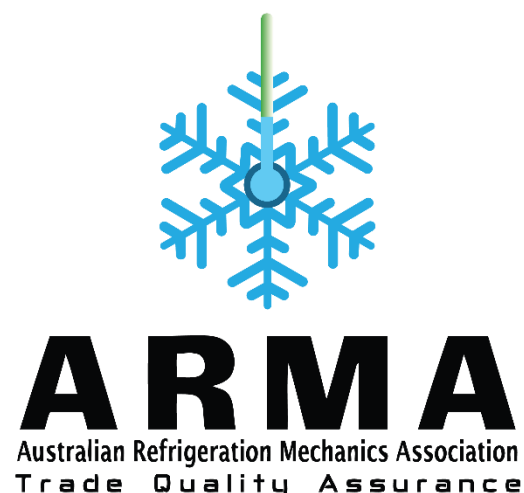


EAST COAST
APPRENTICESHIPS

MRF
ITECH

MATES RATES FOR FRIDGYS!

- Design by ARMA & ARA
- Developed for industry and driven by industry
- All Things HVAC&R
- **Free**



- **Quality Certificate III Delivery**
- **Continuous Professional Development**



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Thank you very much!

