

Collaborations: New Horizons



Presented by *Wendy Perry*
@waperry @WorkforcePlan



Can you change the trajectory?

- **10th** most disadvantaged community
- **44** different nationalities at P-12 College
- Low Year 12 or equivalent results
- University/tertiary qualification **2.6%**
- NAPLAN results below State Average
- **52.3%** of residents speak only English at home
- Of the occupied private dwellings **16.3%** did not have a registered vehicle

But...

- 500 million GDP in 50 km radius 2010 (REMPPLAN); in 2015 close to 700 million
- Table & wine grapes, nuts, olives, vegetables, cereals, oil
- Horticulture infrastructure estimated at 1.4 billion dollars
- 2225 fulltime jobs in region – 850 in Ag/Hort
- 67% of Australia's almonds grown – over 20,000 ha bearing



\$1.6+ billion of investment

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Now...

1. Expanding the local workforce pool
2. Growing/developing critical capabilities
3. Resources reimagedined
4. STEM and Entrepreneurship in Agriculture and Horticulture



Current Horizon

- Employment
- Encouragement
- Engagement
- Entrepreneurship
- Empowerment



Byron

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StartInno
-Just Start-

HOME

COWORKING

INCUBATOR

EVENTS

BLOG

COMMUNITY

StartInno
-Just Start-

Byron Bay's Most Vibrant Coworking Community

MORE LIFE IN YOUR WORK

Problems... or opportunities?

1. Lack of flexibility and responsiveness in training
2. Disadvantaged groups not supported
3. Mismatch of training and skills required for jobs
4. Specific skills gaps
5. Unemployed or underemployed youth



Mid Horizon

- Capability development
- Innovation in Regional Australia
- Industry 4.0
- Smart cities and regions
- Sustainable Development Goals



Capability development

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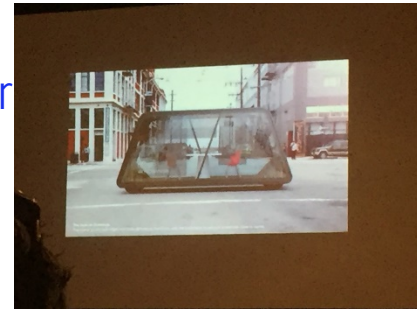
Smart City Program

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Where are the #smartcity jobs?

- Robotics specialist
- Cyber security analyst
- 3D print technician
- **AR/VR designer**
- Network programmer (SDN)
- Machine learning scientist
- Industrial network engineer
- Neuro implant technician
- **Professional triber**
- Digital anthropologist
- Platform developer
- **Business transformation practitioner**
- **Smart city designer**
- **Social media star**
- **Cloud architect**
- Data scientist
- Urban innovation/Urban mechanics
- AI trainer
- **Social media & messaging specialist**
- Entrepreneur
- Community/space host
- Chief futurist
- Optics hardware engineer
- Animation specialist
- Liquid crystal engineer
- 3D artist
- Creative director



IoT/Smart Cities #RealDayOut

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Future Horizon

- Attraction and retention
- Upskilling and utilization
- Entrepreneurship and startups
- Address barriers
- Tertiary education
- 21st Century Capabilities
- VET 4.0 and xAPI



21st Century Capabilities

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- Adaptability and Emotional Management
- Communication and Influence
- Digital and Social
- Cultural and Global



21st Century Capabilities

- Purpose and Vision
- Learning and Mastery
- Intelligence and Imagination
- 21st Century STEM and Entrepreneurship
- Career and Workforce



Time to TAKE ACTION

- Consider your strategic plan and strengths
- Map out existing partners and explore who to move closer to or away from
- Diversify accredited vs. non accredited programs
- Scale up successful initiatives by systematizing and partnering

