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***IT Business & CODE FAIR***

***Business Innovation Challenge***

**Design & [develop] a public road reporting system**

**WIN up to $400**

(And possibly a paid opportunity to develop ideas further!)

*NT Roads is looking to develop a solution to increase public awareness about road conditions for locals and visitors. Traffic conditions in the NT change due to weather systems and through planned roadworks. The success of current awareness systems for reporting roads issues demonstrated various success rates and is not quite adequate.*

An innovative solution to this problem is needed : How can NT road information be more responsive to road users?

## This challenge has two parts:

* PART A: Design an innovative road reporting system using 21st century technologies
* PART B: Develop a prototype [proof of concept] application demonstrating how the system would work

## You can choose to participate in Part A and/or Part B

**Preparation**

This task requires a systems analysis approach. There are three requirements:

1. Understand the systems that are currently in place. Your starting point is roads reporting NT
2. Undertake a Gap Analysis :

* What kind of information do people need about road conditions
* What methods (device/web) would people prefer to use to report data on roads?
* What is currently happening in other jurisdictions?
* Would notions from other places work in the NT context of use? What else could work?

1. Open Data Strategy

* How could the data be linked to Maps
* How is this strategy being used in other places (e.g. Perth, ACT)

**Presentation**

Participants will need to present a 5 minute presentation to a panel of industry judges, November 10 (the day before Code Fair; TBA time).

Depending on interest, this may be a final or semi-final. The winner [s] will be asked to present a condensed version of this presentation at the Code Fair where the winner will be announced.

For further prize opportunities, participants are encouraged to:

* Develop a poster of their ideas which can be used as part of the presentation and the poster competition
* Develop a proof of concept application and enter this into the code fair