



## **MEDIA RELEASE**

**March 7, 2016 : PAYCE Headquarters, Sydney NSW.**

### **Engadine High's F1 racers win multiple awards at National Titles**

The FAST PAYCE RACING team from Engadine High School competing in the F1 in Schools Technology Challenge national titles in Penrith last week picked up three major awards and finished runners-up in the national championship.

The PAYCE sponsored team of Blake Williams (Team Manager), Lukas Foyle (Resources and Research Manager), James Mitreski (Design Engineer) and Sean Sultana (Graphics Designer) qualified for the national titles after winning the regional and state finals.

The team won the highly sought-after perpetual trophy for the fastest time of all teams competing in the national titles, as well as awards for the Best Manufactured Car and the Most Energy Efficient Car. They were also finalists in the categories of Best Team Management, Best Computer-Aided Design and Best Engineered Car.

Throughout the competition the team competed in the Junior Professional class, but for the national championships both Junior and Senior Professional classes competed against each other.

The team's mentor, teacher Ray Treloar, said the performances by the Year 10 boys were outstanding and it had been a privilege to mentor them again this year.

"Without taking anything away from new national champions who are in Year 12, our Year 10 boys were highly competitive in all categories and to come away with three awards and the runner-up trophy was a great outcome for all the hard work they put into designing, building and racing their car.

"We thank everyone at the school, the parents and our sponsors who helped throughout the competition, especially PAYCE who supported us last year and again this year," Mr Treloar said.

PAYCE Managing Director, Brian Boyd congratulated the team on its achievements and said it was a privilege to be associated with such an outstanding group of young people.

"We have enjoyed the journey with the team as they progressed through the regional finals, then the state finals and finally to last week's national titles where they acquitted themselves so well.

“Their results at the national titles were well-deserved and we were pleased to see them rewarded for all their hard work and long hours they put in, both in and out of school hours.

“They are a great group of youngsters and a credit to their school and parents. We have been most impressed by their drive and dedication and wish them well in their future pursuits,” Mr Boyd said.

PAYCE General Manager, Dominic Sullivan added his congratulations to the team and the school for their success at the national titles.

“To come away with three major awards was a brilliant effort, including taking home the title of fastest car of any of the competing teams,” he said.

“They were up against some very stiff competition and competing against some teams in higher years, so to finish overall runners-up for the national title was a huge victory and one they can be justly proud of.

“We were pleased to have had the opportunity to support such a creative and innovative group of students,” Mr Sullivan said.

Mr Treloar said PAYCE had provided the team with moral, intellectual and financial assistance and the team were highly appreciative of the company’s hands-on support and interest.

“The competition relies heavily on support from the business sector and we were fortunate to have PAYCE as part of our team,” he said.

Brian Boyd said it was a privilege to be part of an international competition that promotes teamwork and quality learning in the fields of science, technology, engineering and applied sciences.

It has been very rewarding to see their successful graduation from the Development Class into the Junior Professional Class and on to the national titles,” he said.

“Congratulations to the school principal, Joanne Jarvis; teacher Ray Treloar; the families and the school community for their encouragement.”

## **Background**

The F1 in Schools Technology Challenge is an international competition open to high school students in 35 countries around the world, in which teams design and build a small scale F1 racing car from a block of balsa wood, using a sophisticated Computer Numerical Control (CNC) router designed for the competition. The teams also use a 3D printer to produce parts such as spoilers and wings to fine tune their design.

The CO<sub>2</sub> gas cylinder powered cars can reach speeds up to 80 kilometres an hour and are timed to one-thousandth of a second as they travel side-by-side along a 20 metre twin-lane track.

Engadine High School teams have had great successes in the competition in recent years, with wins in the state and national titles in 2012, 2013 and now 2015 and the

regional titles for the past four years. As winners of two national titles, they went on to compete in the World Titles in Abu Dhabi (2012) and Texas (2013) where they placed fourth and fifth respectively against 40 teams from around the world.

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Contact: Bill Smith 0412 446 058