## **SMART Sistas ranked** 109th out of 163 countries

Mexico, Mexico City.

the world.

Alex Nganga, one of the team's can do!" traveling mentors.

Vanuatu on a global stage power village. and in technology at that! I'm SMART Sistas, Ayla Nganga."

"Mexico really rolled out for this year's challenge. We're three traveling SMART Sistas. the red carpet for us," said ready to show what Vanuatu

"But for me, the most FIRST Global Challenge was private sector businesses like memorable moment happened "Energy Impact", groups of VSolution and Energy4All as in the Vanuatu airport. As we three teams, or "alliances" were preparing to board our as they are called in the like TRR and OGCIO. FIRST flight a small girl maybe 4 or FIRST Global community, Global Challenge is more 5 years of age recognized the need to activate four energy girls. She tapped her mother sources to power the village. and said 'Look mommy the In preparation for the 2018 SMART Sistas'. She didn't Challenge the SMART Sistas the world future. To get them know the girls personally, she have been exploring energy thinking about the problems of just recognized them from the use in their own country today and how they can work Daily Post or Facebook. I am and finding out just how together to solve them. What proud of these girls and how closely related the challenge the girls saw during spell was they are inspiring the next components are to real life. a vision of the future, how generation. That small girl in In the Challenge three teams things could be, but they have the airport is growing up in a from different countries work to make that choice, they have Vanuatu where smart, creative together to activate multiple to step up and be a part of you women are representing energy sources in order to positive change both nationally

particularly proud to be the explored energy use in Vanuatu Say Rodney Philemon, SMART father of one of the traveling they discovered their own Sistas Committee Coordinator. It was all smiles and large and small from different unable to join the girls at the excitement at the airport nations to provide for our Challenge in Mexico, because in Mexico when the girls energy needs. The better he was busy training Vanuatu's arrived in Mexico on Monday, teams work together, the next generation of technology 12 August after their long better they performed on the leaders at the third annual journey, but it was different challenge fields and the same SMART Sistas ICT Camp in story just 3 weeks prior. The can be said for the nations Port Vila. "We had 10 new girls discovered a technical that come together to power girls here in Vanuatu working error that forced them to Vanuatu. "What we do in the on programing, design and completely rebuild the robot game is as much about how coding, but everyone was and change course when they well our robot performs as rooting for Team Vanuatu should have been finalizing it is how well we work with through the live stream on their work. Lana Molivue, had our alliance. Before we step Youtube. They represented this to say on the matter: "We on the arena floor teams our country very well from built the competition robot from other countries come to beginning to end." Mr. from scratch. There are no us and ask about our robot. Philemon continues. directions or templates for us They want to know what we to follow. We know that the have programed the robot to Moluive, was awesome. She robot must complete tasks like do and how the alliance can had been to the FIRST Global picking up things from the best work to support each Challenge in Washington, DC ground and putting them in other. We create a plan for last year and I think it really high places or carrying them powering the village that helped. We were having

The FIRST Global Challenges is also important. FIRST gives us the opportunity to calls it Coopertition. Yes the IF YOU READ THE VANUATU show our individual creativity alliances are powering two Daily Post regularly then you which is nice, but it is also a different villages, but just like are familiar with the group lot of pressure. The original in real life sometimes different of dynamic young women design used too many motors villages need to work together blazing a new path for and was too large. We had to and share resources in order Vanuatu's future, the SMART redesign the robot to complete to meet everyone's needs. The the same tasks, but with less challenge is about working For the second year, the motors and a smaller frame. together to get the most out SMART Sistas are participating We were kind of going crazy of our efforts. That is a value in the FIRST Global Challenge, because we had a small time I plan to take with me into the this year held in the capital of to build a whole new robot, future as I make a difference in but working hard as a team my country, whether different After 30 hours of travel they we were able to complete village, different island or even arrived in Mexico and were the rebuild in time for travel. different countries working met at the airport by Mexican There is still work to be done together is the best way to television media and excited once we get to Mexico, but I make sure of our talents and groups of youth from around feel really good about what build a sustainable future," we were able to accomplish says Ayla Ngang, one of the

> "The girls have toured solar and wind farms in Vanuatu. The theme of the 2018 SMART Sistas has worked with well as government offices than linking mental bars with nuts and bolts. It is a way to connect the world's youth, and globally. I believe that is As the SMART Sistas what these girls have done." country relies on companies This year Mr. Philemon was

> > "Our team captain Lana



Shot of Ayla working on Robot in Mexico. Photo: Alex Nganga



Girls with the Co-founder of FIRST Global. Photo: Alex Nganga

from one place to another. takes advantage of each robots problems calibrating the speed back, instead of lifting up seconds," says Maeva Roberts something that will impact The robot also needs to turn strengths and addresses their of the arm on our robot, we only to the necessary height. the third member of the Vanuatu far into the future. I'm a crank to activate a wind weaknesses. In some matches trying program the motor to Lana saw that if we use the traveling SMART Sistas proud to be a witness to the turbine and finally park on we will only pick up solar it's lowest speed, but it didn't arms momentum to throw Robotics team. an incline. It needs to do all panels and carry them to the seem to work there was a the fuel cube backward into this in less than 2 minutes and power station or maybe will problem also with the weight the power station we could ranked a respectable 109th in For more information on 30 seconds and each robot bring fuel cubes closer to the of the arm. Lana came up with get it in better and we would match points out of 163 teams. the SMART Sistas, how you will do the work differently. combustion plant to make it a really good solution and we waste time turning the robot. They returned to Vanuatu on can support them and girls I was at the competition last easier for other robot move used to arm as a strength around. Once we had a box Tuesday to their awaiting in ICT in Vanuatu check out year in Washington, DC and them into the correct boxes. rather than a weakness. The we could just reverse to the family, friends, teammates and their website at http://www. there were so many different We have also learned that arm was moving so fast that power station and flip the fuel a few fans. "What the SMART smartsistas.vu/ and make sure

In the end the SMART Sistas says Mr. Philemon. robots, no two were the same. team work between villages it would always swing to the cube in. It saved important Sistas have started here is you like them on Facebook.

history these girls are making,"