

QUARTERLY ISSUES AND PROGRAMS REPORT

FOR

STATION KLLC-FM HD3

3rd Quarter 2016
(July 1 through September 30)

Prepared by Patricia Kenny
Paralegal

**Issues of Concern to San Francisco
Addressed in Responsive Programming in the
3rd Quarter 2016**

1. Agriculture A look at the latest in green agriculture - the new “Agrihood” trend. JetBlue’s JFK Airport Farm. An update on sustainable agriculture on the Growing Green segment

2. Animal Welfare Endangered humpback whales in several population segments have recovered enough that they don’t warrant listing under the Endangered Species Act, according to the National Oceanic and Atmospheric Association earlier this month. Discussion with Marta Namack, a biologist with the National Marine Fisheries Service about how conservation efforts in the last 40 years have paid off.

3. Clean Energy The popularity of hydraulic hybrids being used as fleet vehicles. With the growth of Electric Vehicles work is being done to bring more free charging stations. A team of 30 students in Switzerland broke the world acceleration record using a tiny electric car. UPS, which first started testing electric delivery vehicles in the 1930s just reached an important milestone - a billion miles travelled in their deliveries via alternative energy sources. Gogoro is the Tesla of scooters: high-tech, emissions-free, fast off the line and what’s even better is how they’re meant to be driven and shared in cities across the world.

4. Education Singularity University is a benefit corporation that helps people, businesses, institutions, investors, NGOs and governments understand cutting-edge technologies, and how to use them to positively impact billions of people. Don Wettrick is an Innovation Specialist at Noblesville High School has lectured across the US and Europe about collaboration, social media use, and work environments that enable innovation.

5. Environment Using bamboo plantations to transform areas of extreme poverty. Causes of algae blooms and how widespread the problem is and possible solutions. Making composting easier by using a new service that does it for you. Working to make our useable stuff usable again instead of ending up in landfills. HP, maker of printers, made the pledge to achieve zero deforestation by the year 2020. An update on the Flint, MI water crisis. A discussion of the cuttlefish, a robot that helps clear the ocean of plastic waste.

6. Food The making of vegetable juices and chips and how nothing goes to waste.
7. Job Growth Innovations are the key to job growth in our country and the establishment of the Pfeil Innovation Center.
8. Renewable Energy The Solutions Project and how it is working on accelerating the transition to 100% clean, renewable energy for all people and purposes
9. Social Responsibility Fortune magazine published its list of 50 companies across the globe tackling major societal problems and whose good works contribute to their bottom lines. Talk with Michael Rogers who has provided a powerful catalyst for organizations to create a vision of the future and the will to innovate.
10. Sustainability Using dandelions in the making of tires. The use of crowdfunding to help build sustainable companies. Sustainability and spirituality go hand-in-hand Sister Mary Baird helped green up the Moon Tree studios, a place in Plymouth, Indiana where people can learn art “experiences”. The cutting edge of robotics and how it is helping with sustainability. A discussion on The Sustainability Leadership Forum at Yale University later this month will explore sustainability as a mega-trend in the 21st century.
11. Transportation Airplane manufactures teaming together to create more fuel-efficient aircraft. Talk of automakers possibly not meeting 2025 improved mileage standards. An update on getting better gas mileage in high altitudes. Talk about the new, simple engine technology that allows for a variable compression ratio, which could mean 20-25 percent improvement on highway fuel efficiency. Amtrak announced a loan from the Federal Government to improve its high speed trains – will this kick-start the high speed rail in the US.

**KLLC-FM HD3 Programs That Address Community Issues
(Regularly Scheduled Public Affairs Programs)
3rd Quarter 2016**

Public Affairs Program

Schedule and Description

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| 1. GREENSENSE WITH
ROBERT COLANGELO | Sundays, 6:30 a.m.-7:00 a.m.
Robert Colangelo is the host of the nationally syndicated Green Sense Radio show. Recorded live on the Farm, Green Sense Radio features entrepreneurs, innovators, academics, and policy makers who are making the world a better place. |
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Most Significant Issue-Responsive Programming
3rd Quarter 2016
(July 1 through September 30)

ISSUES: Sustainability
Job Growth
Clean Energy

GREENSENSE WITH ROBERT COLANGELO
July 3, 2016
6:30am
28 minutes of a 28 minute program

For many, dandelions are the scourge of a nice lawn. But these weeds could have a major role in sustainability. Continental Tire in Germany will soon start using dandelions in making tires which have big advantages over using rubber trees. To give us more of the story is Dr. Carla Recker, who's been heading up the project with Continental Tire.

Innovations are the key to job growth in our country and Richard Pfeil a prominent citizen of South Bend, Indiana who has been in charge of the Koontz-Wagner Electric company and later established the Pfeil Innovation Center.

Tom Appel, publisher of Consumer Guide Automotive is back again for some green automotive news on the popularity of hydraulic hybrids being used as fleet vehicles.

ISSUES: Clean Energy
Sustainability

GREENSENSE WITH ROBERT COLANGELO
EV Charging Stations/Start Engine
July 10, 2016
6:30am
28 minutes of a 28 minute program

While the percentage of rechargeable electric vehicles or EVs on the road now remains small, it's growth is sizable. And, so is the growth of places to charge them up. The company Black & Veatch is working with the charging network Volta to bring more free charging stations in several states. We're joined by Black & Veatch EV Leader Paul Stith.

Investing in venture capital isn't just for millionaires any more. Starting in May, new regulations allow anyone with two thousand dollars to invest in startups - many of them sustainable companies that we like to inform you about on Green Sense. One way to do that is through crowdfunding. And there's some news there too. StartEngine is a way for companies to raise funds that way and we're joined by Start Engine CEO Ron Miller.

ISSUES: Clean Energy
Environment

GREENSENSE WITH ROBERT COLANGELO
AMZ Racing/ EcoPlanet Bamboo
July 17, 2016
6:30am
28 minutes of a 28 minute program

Last month a team of 30 students in Switzerland broke the world acceleration record using a tiny electric car they built and designed that goes from zero to 60 miles an hour in just over one and a half seconds. We're joined by AMZ Racing CEO Daniel Hentzen.

Bamboo plantations in places like Nicaragua, South Africa and now Ghana in West Africa are providing a strong bio-based economy. EcoPlanet Bamboo recently announced an expansion of its operations in Ghana. To tell us more about how growing bamboo can transform areas of extreme poverty is CEO Troy Wiseman.

ISSUES: Environment

GREENSENSE WITH ROBERT COLANGELO
Florida Algae Bloom Healthy Soil Compost
July 24, 2016
6:30am
28 minutes of a 28 minute program

The algae bloom in Lake Okeechobee, Florida that first showed up in May is now so large it's visible from space. To reduce damage to coastal areas that the lake drains into, a state of emergency was declared earlier this month. To help us understand the causes of algae blooms, how widespread the problem is and possible solutions, we're joined by Dr. Brian LaPointe, who's an algae expert and has done extensive underwater research in the region.

In an effort to reduce the amount of waste going to landfills, many people have turned to composting their food waste. But, for many people, it's impractical and a lot of work, but 'Farmer Jon' Scheffel's started Healthy Soil Compost in Chicago where someone picks up your compostables for you, and, the service is human powered.

ISSUES: Environment
Transportation

GREENSENSE WITH ROBERT COLANGELO
Repair Association/Boeing's new efficient planes
July 31, 2016
6:30am
28 minutes of a 28 minute program

Consumer electronics, cars, medical & farming equipment have been made harder to be fixed by technicians so they end up being thrown out and replaced instead of repaired. The Repair Association's working to address many of these issues so we can make our unusable stuff usable again instead of it ending up in landfills. Gay Gordon-Byrne's the association's Executive Director.

Aircraft makers Boeing along with Brazilian aircraft maker Embraer have teamed up on the ecoDemonstrator program which uses new technologies for more fuel-efficient aircraft. The Boeing ecoDemonstrator pro-gram manager is our guest.

Tom Appel, Publisher of Consumer Guide Automotive joins us to talk about automakers' possibility of not meeting the 2025 improved mileage standards.

ISSUES: Education
Environment
Agriculture

GREENSENSE WITH ROBERT COLANGELO
HP's Deforestation Goals/Singularity University
August 7, 2016
6:30am
28 minutes of a 28 minute program

Singularity University is a benefit corporation that helps people, businesses, institutions, investors, NGOs and governments understand cutting-edge technologies, and how to use them to positively impact billions of people. Nicholas Haan is Director of Global Grand Challenges and Team Project Leader at Singularity University.

The year 2020 could be a big one for HP, maker of printers, PCs, mobile devices and other technologies. It recently made the pledge to achieve zero deforestation by that year. To explain more is Judy Glazer, global head of product sustainability with HP.

Chris Higgins of Urban Ag news joins us for our feature, a look at the latest in green agriculture, "Growing Green." He'll tell us about the new "Agrihood" trend.

ISSUES: Sustainability
Education
Environment

GREENSENSE WITH ROBERT COLANGELO

Flint, Michigan Update/Sister Mary Baird on Spirituality & Sustainability/Don Wettrick's I Innovation Teaching Program

August 14, 2016

6:30am

28 minutes of a 28 minute program

Sustainability and spirituality go hand-in-hand, as we're about to learn from Sister Mary Baird. She's a sister in the Poor Handmaids of Jesus Christ order of nuns. Now in her 80th year, she helped green up the Moon Tree studios, a place in Plymouth, Indiana where people can learn art "experiences."

Don Wettrick is an Innovation Specialist at Noblesville High School, just outside Indianapolis, Indiana. He's also the author of "Pure Genius: Building a Culture of Innovation and Taking 20% Time to the Next Level" and has lectured across the US and Europe about collaboration, social media use, and work environments that enable innovation.

We also get an update on the Flint, Michigan water crisis from Greg Schilz, Executive Vice President for JLT Specialty USA, an insurance company that covers municipalities.

ISSUES: Clean Energy
Food
Transportation

GREENSENSE WITH ROBERT COLANGELO

August 21, 2016

6:30am

28 minutes of a 28 minute program

UPS, which first started testing electric delivery vehicles in the 1930s just reached an important milestone - a billion miles travelled in their deliveries via alternative energy sources. And, they did it a year ahead of schedule. To tell us more is Mike Britt with UPS Automotive

Forager Project makes vegetable juices and chips but what sets them apart is how nothing goes to waste. To tell us more about their process - and how they make the most of vegetables - is Forager Project CEO Stephen Williamson.

Tom Appel of Consumer Guide Automotive joins us for an update on getting better gas mileage in high altitudes.

ISSUES: Agriculture
Sustainability

GREENSENSE WITH ROBERT COLANGELO
JetBlue's JFK Airport Farm/Robotics and Sustainability
August 28, 2016
6:30am
28 minutes of a 28 minute program

We've heard of "farm-to-table" and "farm-to-school" but now there's "farm-to-flight." The T5 farm operated by JetBlue airways grows vegetables at Terminal 5 at New York's JFK Airport. Sofia Mendelsohn is the "champion of change" who helped make the farm a reality.

When it comes to robotics, whether we realize it or not, the future is here with automation helping us in nearly every facet of our society. And that includes sustainability. To tell us more about what's on the cutting edge of robotics and sustainability is Tom Green, Editor-in-Chief of Robotics Business Review.

Chris Higgins of Urban Ag news gives us an update on sustainable agriculture on the Growing Green segment.

ISSUES: Social Responsibility
Transportation

GREENSENSE WITH ROBERT COLANGELO
Fortune's Change the World List/Green Automotive News
September 4, 2016
6:30am
28 minutes of a 28 minute program

Fortune magazine this month published its list of 50 companies across the globe tackling major societal problems and whose good works contribute to their bottom lines. Fortune magazine senior editor Matt Heimer joins us to talk more about the Change the World list.

Tom Appel, publisher of Consumer Guide Automotive joins us to talk about new, simple engine technology that allows for a variable compression ratio, which could mean 20-25 percent improvement on highway fuel efficiency.

ISSUES: Clean Energy
Sustainability
Environment

GREENSENSE WITH ROBERT COLANGELO
Gogoro Electric Scooters/Yale Sustainability Leadership Forum
September 11, 2016
6:30am
28 minutes of a 28 minute program

Gogoro is the Tesla of scooters: high-tech, emissions-free, fast off the line and what's even better is how they're meant to be driven and shared in cities across the world. Joining us to talk more about Gogoro is founder and Chief Technology Officer Matt Taylor.

The Sustainability Leadership Forum at Yale University later this month explores sustainability as a mega-trend in the 21st century. No longer can we celebrate a strong economy if the environment is in decline. Nor can we push environmental policies that don't consider social and economic implications. To tell us more about the forum and the ideas it'll explore is Lisa Dale, Associate Director for the Yale Center for Environmental Law & Policy.

Tom Green, Editor-in-Chief of Robotics Business Review tells us about the cuttlefish, a robot that helps clear the ocean of plastic waste.

ISSUES: Transportation
Renewable Energy

GREENSENSE WITH ROBERT COLANGELO
The Solutions Project/High-Speed Rail Update
September 18, 2016
6:30am
28 minutes of a 28 minute program

Amtrak, along with Vice President Joe Biden, who's a fan of riding the rails, announced recently a two-and-a-half billion dollar loan from the Federal Government to improve some of it's high-speed trains in the Northeastern U.S. Is this massive loan the kick-start high-speed rail in the US, which lags behind many other countries, needs? Rick Harnish, head of the Midwest High Speed Rail Association is our guest.

It's one thing to expose a problem, but taking the next step - finding an acting on a solution - is what we're all about at Green Sense. It's also what the Solutions Project is all about - which works on accelerating the transition to 100% clean, renewable energy for all people and purposes. It has the backing and participation of such big names as Van Jones and actors Mark Ruffalo and Leonardo DiCaprio. Joining us today is Tyler Nickerson, Director of Investments and State Strategy for the Solutions Project.

ISSUES: Animal Welfare
 Social Responsibility

GREENSENSE WITH ROBERT COLANGELO
Futurist Michael Rogers/Hump back Whale Recovery
September 25, 2016
6:30am
28 minutes of a 28 minute program

For more than 20 years Michael Rogers has provided a powerful catalyst for organizations to create a vision of the future and the will to innovate. He delivers a dynamic and entertaining vision of change, blending technology, economics, demographics, culture and human nature and many of his future predictions are focused on environmental issues.

It's always nice to get some good news about the environment and ecology. Endangered humpback whales in several population segments have recovered enough that they don't warrant listing under the Endangered Species Act, according to the National Oceanic and Atmospheric Association earlier this month.

To tell us more how international conservation efforts over the last 40 years have paid off, we're joined by Marta Namack, a biologist with the National Marine Fisheries Service.

**Public Service Announcements
3rd Quarter 2016
(July 1 through September 30)**

The Radio Disney Network broadcast public service announcements (“PSA’s”) thirty seconds in length on a variety of topics relating to children and young adults in the Third Quarter of 2016. These PSAs are provided by the Ad Council, a private, national non-profit organization that marshals talent from the advertising and communications industries, the facilities of the media, and the resources of the business and non-profit communities to produce, distribute and promote public service campaigns on behalf of non-profit organizations and government agencies in issue areas such as improving the quality of life for children, preventative health, education, community well-being, environmental preservation, and strengthening families. This quarter, the Radio Disney broadcast 271 PSAs in a variety of day parts as follows:

SERIES TITLE: PSA
PROGRAM TITLE: “Take Care People”
PROGRAM LENGTH: 30 seconds
DATE AIRED: 07/01/16 – 09/30/16
TIME AIRED: various times (92 total)
FORMAT: recorded
DESCRIPTION: Raised Awareness for the getcoveredamerica.org campaign to inform the public about affordable health insurance and encourage people to enroll to help cover costs associated with prescriptions, hospitalizations, and preventive care.

SERIES TITLE: PSA
PROGRAM TITLE: “Light Show”
PROGRAM LENGTH: 30 seconds
DATE AIRED: 07/01/16 – 09/30/16
TIME AIRED: various times (89 total)
FORMAT: recorded
DESCRIPTION: Raised Awareness for the discovertheforest.org campaign that aims to inspire tweens (aged 8-12) and their parents to re-connect with nature, experiencing it first-hand. The campaign brings to life the joy and excitement kids have when they discover the wonders of nature, helping create interest in their environment and a lifelong relationship with it.

SERIES TITLE: PSA
PROGRAM TITLE: "Charles"
PROGRAM LENGTH: 30 seconds
DATE AIRED: 07/01/16 – 09/30/16
TIME AIRED: various times (90 total)
FORMAT: recorded
DESCRIPTION: Raised Awareness for the United Negro College Fund's
"Better Futures" campaign that encourages the public to donate to help ensure all
deserving students can go to college with help from the UNCF.

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