

QUARTERLY ISSUES AND PROGRAMS REPORT

FOR

STATION KMPS-HD3

4th Quarter 2016
(Oct 1 through December 31)

Prepared by Patricia Kenny
Paralegal

**Issues of Concern to Seattle
Addressed in Responsive Programming in the
4th Quarter 2016**

1. Agriculture Insects could be the key to solving environmental problems caused by livestock and can also be a good source of protein. Discussion on the FDA altering requirements for organic food. Discussion with Chris Higgins of Urban Ag News on growing green. Organiponic a new system for growing vegetables at home. Chris Higgins gives an update on big trends in Urban Agriculture for 2016.
2. Animal Welfare North American Butterfly Association just launched a continent wide butterfly habitat network.
3. Charity Discussion on giving trends and how Charity Navigator helps everyday people make good decisions on their contributions.
4. Clean Energy A new electric bus being used that can go 350 miles on a single charge. Discussion with Andrew Winston an environmental economy expert on how clean energy makes more economic sense than fossil fuels. EnGoPlanet recently installed in Las Vegas the world's first streetlights powered by human footsteps.
5. Environment TerraCycle a global leader in recycling and upcycling of items that would have ended up in landfills. Discussion with CEO of Smart Plastic Technologies on making plastics biodegradable. A new labeling system for recyclable objects to show how to better keep trash out of landfills. Rob Falken CEO of Bloom talks about how his company's plastic made out of potentially toxic algae is reducing the algae blooms and the reliance on petroleum.
6. Food Is the salmon that has been raised, caught and shipped good for you?
7. Green Technology Discussion with Michael Kanellus a green tech journalist for Forbes about green technology.
8. Sustainability Making shingles and other interior and exterior coverings from tree bark. Sustainability in the world of exotic cars and printing a 3D car. Crowdfunding being used to fund sustainable companies. A new way to use wood or building taller buildings rather than using steel or concrete. Discussion with Bill Hampton CEO of Kite Power Solutions on high-flying energy solutions. Roddenberry prize of \$1M being offered towards building innovation for a "boldly better future". Salt Lake City which is mostly powered by coal transitioning to become 100% renewable. Per the Harvard Business Review "Embedded Sustainability efforts clearly

result in a positive impact on business performance” or in other words being good for the planet is good business.

9. Transportation New technologies to get better mileage by drivers. New fuel saving diesel technologies. The new Volvo Supertruck that uses new technology to save fuel. New trend in new automobiles that tailpipe emissions are going down and fuel economy is going up. Alaska Airways as flown the first commercial jet using the world’s first renewable, alternative jet fuel made from forest residuals. Look at the green car innovations at the LA Auto Show.
10. Water With agriculture a leading cause of water pollution seven major food companies, including General Mills, Pepsi and Hormel have committed to do something to reduce the risk of pollution. Could the removal of water and minerals from seawater be the answer to the water crisis?

**KMPS-HD3 Programs That Address Community Issues
(Regularly Scheduled Public Affairs Programs)
4th Quarter 2016**

Public Affairs Program

Schedule and Description

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.

**Most Significant Issue-Responsive Programming
4th Quarter 2016
(October 1 through December 31)**

ISSUES: Sustainability
Agriculture
Environment

GREENSENSE WITH ROBERT COLANGELO
Bark House / Big Cricket Farms / Terracycle
October 2, 2016
6:30am
28 minutes of a 28 minute program

There are ways to certify companies and products to ensure they truly are sustainable, one of which is through the organization Cradle to Cradle, which recently gave out its first platinum certification. It goes to Bark House, which makes shingles and other interior and exterior wall coverings made from recycled tree bark. Bark House co-owner and co-founder Chris McCurry is our guest.

Insects could be the key to solving much of the environmental problems caused by raising other livestock and can be a good source of protein. To tell us more is Jacy Ampluski, Director of Operations for Big Cricket Farms.

TerraCycle is the subject of the program Human Resources on Pivot TV you already know about TerraCycle. Founder and CEO Tom Szaky founded the company 15 years ago and since then has become a global leader in both recycling and upcycling of stuff that otherwise ends up in landfills.

ISSUES: Sustainability

GREENSENSE WITH ROBERT COLANGELO
3D Printed Supercars / Crowdfunding expert Richard Swart
October 9, 2016
6:30am
28 minutes of a 28 minute program

Exotic Car expert Dave Miller of Drive with dave.com tells us about sustainability in the world of exotic cars. As in many cases with high-performance vehicles, the technology trickles down to everyday cars. He has a look at the prototypical, 3D printed supercar the Blade from Divergent 3D.

Crowdfunding, the simple idea of funding a project or venture by raising monetary contributions from a large number of people is really taking off. To dive into how it's being used to fund sustainable business, we're joined by Dr. Richard Swart, a global thought leader in crowdfunding.

ISSUES: Agriculture
Sustainability
Clean Energy

GREENSENSE WITH ROBERT COLANGELO
The future of organic food / Skyscrapers / Proterra Electric Buses
October 16, 2016
6:30am
28 minutes of a 28 minute program

Chris Higgins of Urban Ag News joins us to talk about the possibility of the FDA altering the requirements for organic food.

Cross-Laminated Timber (or CLT) is a way to build buildings out of wood up to 30 stories high. Proponents say it's a more sustainable, sturdy and fire resistant way to build than steel or concrete. We'll find out from architect Joe Mayo of Mahlum Architects.

Electric cars like the Tesla models, the Chevy Bolt and EVs are in the process of revolutionizing transportation. But did you know it's happening with buses too? Proterra, an American company has built, sold more than 312 vehicles to 35 different municipal, university, and commercial transit agencies since 2010. And, they've just come out with a bus that goes 350 miles on a single charge. Eric McCarthy is the Vice President of Government Relations at Proterra.

ISSUES: Sustainability
Transportation

GREENSENSE WITH ROBERT COLANGELO
Wind Energy from Kites / LinkeDrive Mileage saving program
October 23, 2016
6:30am
28 minutes of a 28 minute program

You probably remember flying a kite on a windy day as a child. They could also have a far more important role as we seek out more sustainable ways to generate energy. Bill Hampton is the CEO of Kite Power Solutions and he joins us from Essex in the UK to tell us more about this fascinating, high-flying energy solution.

Nearly 70% of all the freight tonnage moved in the U.S. goes on trucks. It also takes more 37 billion gallons of diesel fuel to move all of that freight. While new technologies are being developed to save fuel, there are ways for current trucks on the road to get better mileage by how the driver handles them. That's where LinkeDrive comes in. CEO Jeff Baer is our guest.

Tom Appel, publisher of Consumer Guide Automotive has a look at fuel-saving diesel technology from GM.

ISSUES: Transportation
Environment
Sustainability

GREENSENSE WITH ROBERT COLANGELO
Volvo Supertruck / Biodegradable plastic
October 30, 2016
6:30am
28 minutes of a 28 minute program

The Volvo Supertruck is a new kind of long-haul tractor-trailer that uses many new technologies to save fuel - from building materials, to its aerodynamic design, to its efficient engine. It's a public-private partnership involving the US Department of Energy, Volvo and several other companies working in cooperation. Joining us to tell us more about the SuperTruck is Pascal Amar, Volvo Group senior project manager.

The Great Pacific Garbage patch is the prime example of what can happen with a substance that virtually never biodegrades. But, what if it could? It would certainly help arrest the plastic problem while not having give up this very useful material entirely. Mike Ricciardi is CEO of Smart Plastic Technologies.

Dr. Richard Swart, global thought leader on Crowdfunding joins us with an update on equity crowdfunding and sustainable initiatives and innovations.

ISSUES: Sustainability
Environment

GREENSENSE WITH ROBERT COLANGELO
Roddenberry Foundation's Innovation Prize /How2Recycle
November 6, 2016
6:30am
28 minutes of a 28 minute program

Star Trek, which celebrates its 50th anniversary this year, showed us a future of peace and prosperity. That future could become a reality thanks to sustainable innovations being developed today. The legacy of Star Trek creator Gene Roddenberry's being carried on by his son, Rod Roddenberry, who's offering the Roddenberry Prize which offers a million dollars going toward innovations for a "boldly better future."

Recycling can be made much easier thanks to a new labelling system proposed by How2Recycle. It shows which containers need to be rinsed out or have the cap removed or need to be taking to a special location. Kelly Cramer, Senior Manager with the Sustainable Packaging Coalition explains this new, simple method to help keep trash out of landfills.

ISSUES: Sustainability
Green Technology
Agriculture

GREENSENSE WITH ROBERT COLANGELO

Salt Lake City's Renewable Energy Goal / Green Tech journalist Michael Kanellos

November 13, 2016

6:30am

28 minutes of a 28 minute program

Can a major U.S. city powered mostly by coal become 100 percent renewable? That's the goal of Salt Lake City, Utah. To tell us more about how this transition's been going since being announced in July, we're joined by Tyler Poulson, Sustainability Program Manager with Salt Lake City.

One of the most knowledgeable, insightful, well-informed and well-spoken green tech journalists is Michael Kanellos who writes about energy, transportation, food and data for Forbes.

Chris Higgins of Urban Ag News joins us for our regular featuring urban agriculture, Growing Green.

ISSUES: Clean Energy
Environment

GREENSENSE WITH ROBERT COLANGELO

November 20, 2016

6:30am

28 minutes of a 28 minute program

The clean economy can and probably will prevail over politics, no matter who's in the White House, according to author, consultant and environmental economy expert Andrew Winston. He'll provide his insights on how clean energy makes more economic sense than fossil fuels and will prevail even if President-Elect Trump's environmental policies may undo much of what previous administrations accomplished.

Potentially toxic algae is being made into safe, petroleum-free plastic by Bloom. Inventor and CEO Rob Falken joins us to talk about how his company's plastic is reducing toxic algae blooms and reducing the reliance on petroleum.

ISSUES: Charity
Transportation

GREENSENSE WITH ROBERT COLANGELO

Charity Navigator / Positive Fuel Economy & carbon emissions trends

November 27, 2016

6:30am

28 minutes of a 28 minute program

The holiday season is upon us which means people are thinking about giving to charities. The average household in the US gives close to three thousand dollars to charities, according to Charity Navigator, which we've featured before on Green Sense. To tell us more about giving trends this year and how they help everyday people make good decisions on contributions is Sandra Miniutti, Charity Navigator's VP of marketing and CFO.

There are two good trends when it comes to new automobiles. Tailpipe emissions in cars, SUVs and light-duty trucks continue to go down while fuel economy continues an upward trend. It's part of a new EPA report and Dr. Dave Cooke of the Union of Concerned Scientists joins us with a look.

ISSUES: Transportation
Animal Welfare

GREENSENSE WITH ROBERT COLANGELO

Alaska Airlines Renewable Jet Fuel / Continent-Wide Butterfly Network

December 4, 2016

6:30am

28 minutes of a 28 minute program

Aviation history was made recently when Alaska Airlines flew the first commercial flight using the world's first renewable, alternative jet fuel made from forest residuals. Dr. Ralph Cavalieri is the director of the Northwest Advanced Renewables Alliance at Washington State University which worked with Alaska Airlines on this sustainable innovation.

We've looked into the declining monarch butterfly population issue before. Now that winter's on its way, we won't see them for a while in most of the U.S. but it doesn't mean there isn't some great work being done to ensure their population reaches healthier levels in the future. The North American Butterfly Association just launched a continent-wide butterfly habitat network and to tell us more about it is Dr. Jeffrey Glassberg, the organization's president.

ISSUES: Transportation
Agriculture
Sustainability

GREENSENSE WITH ROBERT COLANGELO
LA Auto Show / Organiponic / The Comprehensive Business Case for
Sustainability
December 11, 2016
6:30am
28 minutes of a 28 minute program

Dave Miller of DriveWithDave.com recently visited the L.A. Auto Show and has a look at some of the green car innovations he saw.

The more “local” locally grown produce is, the better. How about if “local” means just steps away from your dinner table? Organiponic is a new system for growing vegetables at home - you don't need a back yard or perfect weather. CEO and inventor Andy Dewey joins us.

A recent article in the Harvard Business review confirms what we've been saying on Green Sense for quite a while now: “Embedded sustainability efforts clearly result in a positive impact on business performance.” In other words, being good for the planet is good for business. We're joined by Dr. Tensie Whelan, professor with New York University Stern School of Business.

ISSUES: Food
Water

GREENSENSE WITH ROBERT COLANGELO
Sitka Salmon Shares / Major Food companies improving water supply
December 18, 2016
6:30am
28 minutes of a 28 minute program

We've heard for years that eating fish, especially salmon, is good for you. But is the salmon you're eating raised, caught & shipped in a way that's good for the planet? To tell us more is salmon expert and President of Sitka Salmon Shares, Nicolaas Mink.

With a third of the world's food grown in areas of high water stress, agriculture is the leading cause of water pollution. Recently, seven major food companies - among them General Mills, Pepsi and Hormel - have committed to do something to reduce the risk of water pollution. To tell us more about it is Eliza Roberts, water program manager of Ceres, a non-profit which works with large companies and investors to take stronger action on sustainability challenges

ISSUES: Agriculture
 Water
 Clean Energy

GREENSENSE WITH ROBERT COLANGELO

The Year in Urban Agriculture / Desalination / Footstep-powered streetlights

December 25, 2016

6:30am

28 minutes of a 28 minute program

Chris Higgins of Urban Ag News gives us an update on the big trends in urban agriculture for 2016.

Desalination - the removal of salt and minerals, especially from sea-water, is a process already being done in some parts of the world - but could it be part of the answer to our water crisis? We're joined by Rick Stover, Director of the International Desalination Association.

Those "city sidewalks, busy sidewalks" we hear about in the Christmas classic "Silver Bells" could be used as a renewable energy source. EnGoPlanet recently installed in Las Vegas the world's first streetlights powered by human footsteps. EnGoPlanet CEO Petar Morovic is our guest.

**Public Service Announcements
4th Quarter 2016
(October 1 through December 31)**

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 Fourth 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 266 PSAs in a variety of day parts as follows:

SERIES TITLE: PSA
PROGRAM TITLE: “Take Care People”
PROGRAM LENGTH: 30 seconds
DATE AIRED: 10/01/16 – 12/31/16
TIME AIRED: various times (91 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: 10/01/16 – 12/31/16
TIME AIRED: various times (88 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: 10/01/16 – 12/31/16
TIME AIRED: various times (87 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.

###