



Conseil  
québécois  
du biodiésel

835, rue Mooney Ouest  
Thetford Mines (Québec) G6G 0A5  
Téléphone: 418 338-1318 poste 32  
Télécopieur: 418 338-1338  
www.biodieselquebec.org

# Actualités du biodiésel

Vol. 5 N° 4 – 5 avril 2011

## Actualités québécoises

### ▪ **Montréal – McGill gagne un concours environnemental** (16 mars 2011)

Deux étudiants de l'Université McGill ont gagné le défi Vivez en vert TD, une compétition nationale visant à apporter des solutions concrètes au profit du développement durable. Pour cette quatrième compétition, le thème portait sur « la durabilité et l'intendance environnementale sur le campus ». David Morris et Omer Dor ont ainsi eu le meilleur sur 132 équipes provenant de 59 établissements d'enseignement du Canada. Leur projet, Integrated Energy and Food Greenhouse, vise à limiter les émissions de gaz à effet de serre (GES) de la centrale électrique Ferrier, le plus important émetteur de GES du campus. Les deux étudiants comptent transformer l'énergie gaspillée en biodiesel, qui alimentera une serre agricole installée sur le toit de la centrale. Les lauréats ont reçu ce mercredi un chèque de 20 000 \$ tandis que l'Université McGill touchera 100 000 \$ pour mettre en œuvre leur projet. Les universités de York et Victoria, à Toronto, ont obtenu respectivement les deuxième et troisième places dans la compétition. Le jury composé de cinq personnes – dont le cofondateur d'Équiterre Steven Guilbeault et le commissaire à l'environnement de l'Ontario Gord Miller – a évalué les dossiers en fonction de l'originalité, de l'aspect unique et de la possibilité de mettre en œuvre les solutions présentées. (Diffusé sur [Rue Frontenac](#))

## Actualités canadiennes

### ▪ **Ontario – MSE Enviro-Tech fait l'acquisition de SITTM Technologies** (22 février 2011)

In Canada, MSE Enviro-Tech has completed the acquisition of SITTM Technologies. SITTM, headquartered in Sault Ste Marie, has extensive experience in the manufacturing and sale of value added formed products from biodiesel. With partner Coop Algoma Ag Centre, SITTM has been providing a blend of B5-B10 biodiesel to the City of Sault Ste Marie Transit Commission since January 2010. Mr. Norman Jaehrling, CEO of SITTM stated, "The timing of this acquisition is key because SITTM recently completed a significant R & D phase and currently holds a lineup of market-proven products, ready for distribution." Mr. Gilles Trahan, MSE Enviro-Tech's Chairman & CEO, stated that the acquisition will allow MSE to access additional markets. To support the integration of the companies, SITTM's president Dr. Luc C. Duchesne has been appointed to the Board of Directors of MSE. (Diffusé dans [Biofuels Digest](#))

### ▪ **Lancement de la campagne d'autocollants « Powered by Biodiesel »** (21 mars 2011)

The Canadian Renewable Fuels Association in partnership with the Grain Farmers of Ontario, Koch Farms and Koch Logistics, and biodiesel blender and marketer FS PARTNERS, today launched a "Powered by Biodiesel" bumper sticker campaign to show support for the federal government's national biodiesel standard. "Farmers here and across the country are clearly enthusiastic about the increased production and promotion of biodiesel. This bumper sticker will let them proudly show their support," said Canadian Renewable Fuels Association President Gordon Quaiattini in announcing the campaign at the Grain Farmers of Ontario's March Classic annual general meeting. "The 2% renewable fuel standard for biodiesel is an investment in our future. It is creating good jobs, helping farmers find new ways to prosper and is helping protect our planet for future generations." A recent AgCall survey of active Canadian canola and soybean growers in Alberta, Saskatchewan, Manitoba and Ontario showed overwhelming support for the production and promotion of biodiesel in Canada. 87% of respondents supported using Canadian grown canola/soybeans in the production of biodiesel. 81% of respondents supported a federal renewable strategy that would promote the use of canola/soybeans in the production of



Pour faciliter l'identification des informations les plus innovantes ou percutantes contenues dans le bulletin du CQB, nous utiliserons dorénavant le pictogramme (illustré à gauche) pour vous indiquer les parties les plus intéressantes dans les différents articles proposés dans le bulletin.

**Avertissement :** Veuillez prendre note que les articles de ce bulletin ne sont proposés qu'à titre informatif seulement et le fait de les référencer ne constitue en aucun cas l'endossement de leur contenu de la part du Conseil québécois du biodiésel.

biodiésel. "Biodiésel is a great potential growth industry for Ontario's grain and oilseed farmers, but in order for our 28,000 members to see any benefit, we need to see a biodiesel plant built in Ontario and a two per cent renewable diesel mandate passed," added Don Kenny, Chair of the Grain Farmers of Ontario. "Our farmers have seen the benefits of the growth of the ethanol industry and they are hopeful for similar success in the biodiesel industry." "Our organization is proud to be a leader in the renewable fuels industry in Ontario through our continued marketing efforts and distribution of biodiesel for commercial fleets," said Tom O'Neill, Energy Sales Manager for FS PARTNERS. "We believe it is very important to continue the push for renewable fuels throughout Canada and being involved in the 'Powered by Biodiesel' bumper sticker initiative is part of that goal." "Biodiesel has got my vote of confidence. We have been running our fleet of 12 trucks on biodiesel blends successfully for over a year now. We are very pleased at biodiesel's performance under all sorts of conditions and have seen real gains in fuel efficiency. We saw even better gains with farm tractors and other equipment," said Rob Koch of Koch Farms and Logistics of Earlton, Ontario. (Diffusé sur [Marketwire](#))

#### ▪ **Saskatchewan – Le budget provincial 2011 favorise le biodiésel** (23 mars 2011)

Homegrown renewable biodiesel got a welcome boost today with the announcement of a producer incentive and a biodiesel blending mandate in the 2011 Saskatchewan provincial budget. "Saskatchewan's 2011 budget will be welcome news to farmers and biodiesel producers alike," said Gordon Quaiattini, President of the Canadian Renewable Fuels Association in responding to the budget. "With this budget Saskatchewan will tap into the new opportunities of biodiesel, and lay the foundation for a whole new advanced biofuel industry." Saskatchewan will now boast a five-year \$26 million program that will provide a 13 cent-per-litre grant to biodiesel producers effective April 1 2011 and a 2% renewable biodiesel mandate that comes into effect on July 1 2012. Biodiesel contains no petroleum and can be made from a variety of renewable raw materials, or feedstocks, including pure seed oils, animal fats and recycled cooking oils. It performs comparably to petroleum diesel in terms of fuel economy, horsepower and torque. Biodiesel is safe to use in all diesel vehicles, and also can be used as heating oil and in a variety of other applications, including marine transportation, electrical generation, farming equipment and mining operations. Biodiesel is 10 times less toxic than table salt and is as biodegradable as sugar. Independent studies have shown that Canadian produced biodiesel generates between 85 per cent to 99 per cent less greenhouse gases, depending on feedstock, compared to conventional diesel fuel. From an economic perspective, renewable fuels such as ethanol and biodiesel in Canada are a substantial source of economic and financial benefit to rural Canada. Construction of biofuels facilities has generated roughly \$3 billion in economic activity and ongoing operations represent a \$2 billion annual economic contribution. A recent AgCall survey of active Canadian canola and soybean growers in Alberta, Saskatchewan, Manitoba and Ontario showed overwhelming support for the production and promotion of biodiesel in Canada. 87 per cent of respondents supported using Canadian grown canola/soybeans in the production of biodiesel. 90 per cent of respondents agreed that increased demand for canola/soybeans created by biodiesel production would benefit growers. (Diffusé sur [Marketwire](#))

## Actualités internationales

#### ▪ **Europe – Nouvelle application Navigon relative aux stations services GPL et biodiésel** (4 mars 2011)

Extrait : Navteq, le leader mondial de la cartographie numérique, des informations routières et des données de géolocalisation alimentant les systèmes de navigation, les services géolocalisés et la publicité mobile dans le monde entier, fournit à Navigon ses POI spécialisés (points d'intérêt) dans les types de carburant, qui servent de base pour la nouvelle application Navigon associée aux stations-services GPL et biodiésel. Des informations sur plus de 18 000 stations-services dans 20 pays européens sont désormais téléchargeables sur les systèmes de navigation Navigon, désormais capables de guider les conducteurs de véhicules GPL ou biodiésel jusqu'aux points de vente qui les proposent. Les utilisateurs peuvent sélectionner le type de carburant de leur véhicule et, une fois le téléchargement terminé, les emplacements des stations-services appropriées apparaissent sur la carte avec un symbole et peuvent être choisis comme destination. (Suite sur [WebCarNews.com](#))

- **Malaisie – Mission NewEnergy Limited annonce la première chaîne d’approvisionnement asiatique totalement intégrée de biodiésel d’huile de palme possédant une certification de durabilité et carbone** (16 mars 2011)

Multi-Media Enterprises annonce l'établissement par Mission NewEnergy Limited de la première chaîne d'approvisionnement asiatique totalement intégrée de biodiesel d'huile de palme possédant une certification de durabilité et carbone. L'annonce a été faite en Australie dans le communiqué suivant: Mission NewEnergy Limited (ASX: MBT), un leader mondial dans la fourniture d'énergies renouvelables, a le plaisir d'annoncer que Mission et Felda Global Group ont passé un accord d'approvisionnement à long terme établissant la première chaîne asiatique de production et de fourniture totalement intégrée de biodiesel d'huile de palme conforme à l'ISCC (International Sustainability & Carbon Certification). Société malaisienne, Felda Global Group est un des plus importants producteurs d'huile de palme au monde et a récemment obtenu la certification ISCC pour deux de ses moulins et huit de ses plantations dans la Malaisie péninsulaire. L'usine de Mission située à Kuantan, d'une capacité de 100 000 tonnes par an, a été le premier site de production de biodiesel à obtenir la certification ISCC en dehors de l'Europe. En vertu de cet accord, Mission et Felda Global Group vont collaborer pour étendre le programme de certification à d'autres moulins et plantations de Felda afin d'accroître la fourniture de biodiesel homologué ISCC aux raffineries de Mission. << La certification de Mission et de Felda signifie des comptes rendus complets sur les émissions de carbone de la chaîne d'approvisionnement, afin de démontrer la conformité aux cibles allemandes et européennes de limitation de gaz à effet de serre >>, explique Nathan Mahalingam PDG de Mission. Dans un communiqué récent du Felda Global Group, son président Dato' Sabri Ahmad a déclaré : << La certification souligne les pratiques de durabilité de Felda. Étant donné que le Felda Global Group a adopté une politique agressive de développement en matière de biocarburants, l'ISCC donne au groupe un avantage concurrentiel sur le marché international. En plus de la conformité avec les exigences de la certification Roundtable for Sustainable Palm Oil (RSPO), la certification ISCC signifie aussi la conformité avec la directive européenne sur les énergies renouvelables (RED). >> Actuellement, l'ISCC est obligatoire pour les entreprises désireuses de fournir des biocarburants ou des bioliquides en Allemagne, qui fournit des subventions, des exemptions fiscales et d'autres privilèges aux utilisateurs de biocarburants. Depuis novembre 2010 une législation a été mise en place à cet effet en Allemagne. << La directive sur les énergies renouvelables exige 35 % d'économies d'émissions de gaz à effet de serre au minimum, dans le cadre de l'utilisation de biocarburants et de bioliquides, afin de pouvoir prétendre à des subventions et à d'autres avantages. En utilisant notre huile de palme non raffinée pour produire du biocarburant nous obtiendrons des économies d'émissions de gaz à effet de serre de 47 % et 41 % respectivement. << Le programme ISCC sera bientôt exécuté dans les autres plantations et moulins de Felda. Cette certification est importante pour le Felda Global Group car nous avons identifié les énergies renouvelables comme étant un nouveau domaine d'activité pour améliorer notre chiffre d'affaires à travers la monétisation des dérivés de l'huile de palme >>, conclut Dato' Sabri. (Diffusé sur [Bourse Reflex](#))

- **Allemagne – Le pays a consommé 780 millions de gallons de biodiésel en 2010** (15 mars 2011)

Germany's Federal Office for Economy and Export Control (BAFA) released figures recently on the nation's total biodiesel sales in 2010. BAFA reports that approximately 2.6 million metric tons (780.5 million gallons) of biodiesel was sold into the German fuel market last year. A majority of that, about 2.3 million tons, was sold for blending into the 32.1 million ton German diesel fuel market, which comes to slightly more than 7 percent. The German oilseed council UFOP commented on the numbers, stating, "Biodiesel will remain an alternative fuel of great importance in the future ... the consumption of diesel will continue to rise due to the constantly higher quantities of goods transported by road." The council then said, "Besides, so-called second-generation fuels replacing diesel will not be available for a foreseeable time, UFOP is convinced. So UFOP confirms the necessity that biodiesel should be conceded a future both as pure fuel and as admixture in motor fuel. There is no other way of meeting the climate targets in the transport sector." While Germany consumed more than 780 million gallons of biodiesel last year, the U.S. only produced 315 million gallons of biodiesel in 2010, according to preliminary data released by the U.S. Census Bureau. (Diffusé sur [Biodiesel Magazine](#))

- **États-Unis (Pennsylvanie) – BARD passe à la commercialisation de sa technologie de production d'algues** (23 mars 2011)

Morrisville, Penn.-based BARD Holdings Inc. recently announced its shift from research and development to the commercialization phase of its algae production technology. According to Avery Hong, BARD's chief global strategist, the company has completed the first phase of its production rollout. Its initial facility, located in Morrisville, is expected to produce approximately 40,000 gallons of algae oil per year. "We are a photobioreactor-based company," Hong said. "We're using photobioreactor tubes and we're using an artificial light source as the light energy." When compared to raceway pond algae production, Hong said BARD's indoor, photobioreactor technology offers several benefits. The system is able to operate 24-7, he said, as it is fueled by an artificial light source. The closed-loop system also mitigates problems associated with contamination and culture crashes. In fact, Hong notes that BARD has yet to experience a culture crash, and expects that track record to continue. In addition, the system is scalable and modular, and units can be brought online with a relatively short lead time, partly because the photobioreactor equipment can be installed in existing industrial spaces such as unused warehouses. According to Hong, his company has ambitious expansion goals. "Our production schedule is to get significant [capacity] up and running in 2011," he said. "BARD's expansion schedule is not a mid-decade [timeframe]." Rather, plans are already underway to bring capacity online as soon as possible. By late summer, BARD has plans to be operating a second production facility, which will feature 280,000 to 300,000 additional gallons of algae oil production. The third phase of development will include a significantly larger facility the company is working to develop at the Keystone Industrial Port Complex. "It's an ideal site from a co-location standpoint," Hong said, noting it is adjacent to a power plant, a wastewater treatment facility, and rail and port transportation. Construction is expected to begin in May, and be complete early next year. The facility will be able to produce between 13 and 15 million gallons of algae oil per year," Hong said. A fourth facility is under development in North Carolina. "We're very deep into the financing and site selection [for that project]," Hong said. Details will be released once agreements are finalized, he continued. In addition to working to bring commercial-scale operations online, BARD is also positioning itself to supply industry and members of the public with third-party verification of its process. "We've engaged four parties and three labs to validate the process," Hong said, noting the validation data will be shared with the industry. "We won't give away the secret sauce about how we did it, but we will share the production data, we'll share our cap-ex number, our op-ex numbers, and what our outputs are," he said. Results of the verification activities are scheduled to be released by May. According to Hong, BARD is targeting several markets for its algae products, including the pharmaceutical, nutraceutical and biofuel markets. The company's business plan currently revolves around a build-own-operate model. However, Hong notes the company will soon decide whether it will also consider licensing its technology to third-parties. For the time being, Shar Olivier, BARD's chief sustainability officer, said that her company will likely not move into vertically integrated operations. Rather, she said BARD is open to cleantech clustering and co-location with partners who will use algae oil as a manufacturing feedstock. "Most likely we'd just like to deploy our capital to additional algae facilities," she said. (Diffusé dans [Biodiesel Magazine](#))

- **Isuzu lance son nouveau véhicule commercial compatible au B20** (22 mars 2011)

Ford Motor Co. might be the leader at highlighting biodiesel compatibility with B20 emblems on its 2011 Super Duty diesel trucks, but it's certainly not the only vehicle manufacturer to do so. Isuzu Commercial Truck of America recently released a new commercial van called the Reach, and among other attributes the van will be B20 compatible. During the National Truck Equipment Association's 2011 Work Truck show in Indianapolis, Isuzu unveiled the new line of B20 vans, telling the large crowd that each van will reduce emissions by 11 tons per year. "We believe the Reach will truly revolutionize the commercial van market," said John Marshall, senior vice president of sales and marketing for Utilimaster, a company that helped design and build the new commercial van. Shaun Skinner, executive vice president and general retail marketing manager for Isuzu Commercial Truck of America, spoke about the potential markets for the newly designed vans. "We believe this is a great time to be launching products like this," he said, pointing to customer concern over cost of ownership, fuel economy and the need for sustainability, all of which are considerably enhanced with the new line. In comparison to larger commercial vehicles, Skinner noted that the growth potential for class 3, 4 or 5 vehicles such as the new Reach is "quite extraordinary." The van is powered by a 3.0-liter turbocharged diesel engine that has been rated to last 310,000 miles. In comparison to traditional commercial vans, independent testing concluded that the Reach is 35 percent more fuel efficient, according to

Isuzu, and 81 percent of Isuzu-built diesel vehicles sold in the U.S. since 1986 are still in service today. The new Reach diesel-powered vans are set for production by mid-summer. During the presentation to unveil the van, Utilmaster provided a short video clip illustrating all of the van's features, and to end the clip, the van's name was colored in green, followed by the phrase, "for sustainability." In addition to the B20-rated vans, Isuzu will also offer alternative fuel packages for CNG and LPG engines. (Diffusé dans [Biodiesel Magazine](#))

#### ▪ **Nouvelle certification internationale pour les biocarburants durables** (22 mars 2011)

The Roundtable on Sustainable Biofuels launched the first global third-party certification system for sustainable biofuels March 22. The RSB Certification System includes environmental, social and economic principles and criteria and features a unique set of online tools aimed at taking the complexity out of compliance and streamlining certification. "It's one thing to say your product is sustainable and another to prove it," said Barbara Bramble, Senior Advisor for the International Climate and Energy Program at the National Wildlife Federation. "This new system makes it easy to differentiate between biofuels that are environmentally destructive and biofuels that deliver on the promise of sustainability." The certification system covers the major issues of concern in biofuels' production, including their contribution to climate change mitigation and rural development; their protection of land and labor rights; and their impacts on biodiversity, soil and water pollution, water availability and food security. National Wildlife Federation played a key role in establishing this global standard for the voluntary certification of biofuels and hopes the new system will help end biofuels production practices that are harmful to the climate and environment. NWF's Barbara Bramble has analyzed the environmental and social aspects of biofuels production, and served on the Steering Board of the RSB since it was created. She was elected Chair of the RSB's Steering Board in 2009. "All biofuels are not created equal," said Bramble. "Bringing accountability, consistency and transparency to the global biofuels market is a giant first step toward stopping those practices that result in tropical deforestation, habitat destruction and increased pollution. The RSB is all about enabling biofuels markets to reward those producers who protect natural resources and avoid negative impacts on local communities." The certification system will be operated by RSB Services, which is the business arm of the RSB, providing access to the certification process, licensing, and auditors' training among other activities. Under the new system, biofuel producers that receive RSB certification will be able to:

- Assure their customers that their product is responsibly produced, positioning RSB-certified operators favorably in their markets.
- "Know their biomass/biofuel" by being able to trace the origin of the product along the entire supply chain through various chain-of-custody models.
- Receive market recognition as leaders in biofuels' sustainable production, which is increasingly important to major fuel buyers and to regulators.
- Benefit from a competitive advantage resulting from the RSB members' active work to build market demand for certified fuels, especially for certification of entire supply chains.

The RSB is a multistakeholder initiative, hosted by the Energy Center of EPFL (one of Switzerland's foremost technical universities). The RSB sustainability standard represents a global consensus of more than 120 organizations representing industry and civil society; the voluntary certification system was intentionally designed to ensure the sustainability of biofuels production while streamlining compliance for industry. "Getting more than 120 organizations, including farmers, refiners, retailers and NGOs, to come to an agreement on a set of standards is no small feat," said Bramble. "Now we look to the marketplace to recognize industry leaders who are getting it right by producing biofuels that benefit both people and the planet." (Diffusé dans [Biodiesel Magazine](#))

#### ▪ **Europe – L'Union Européenne veut taxer plus les biocarburants américains** (25 mars 2011)

La Commission européenne prévoit de sanctionner les importations de biocarburants provenant des États-Unis par des taxes supplémentaires, après avoir constaté que des exportateurs américains avaient contourné illégalement les taxes douanières, ont déclaré vendredi des

sources au fait du dossier. Selon le premier projet de l'exécutif européen, les biocarburants provenant du Canada, ainsi que les biocarburants américains sous forme de mélange comportant plus de 80% de carburant minéral se verront infliger des taxes douanières dépassant 400 euros par tonne, ont indiqué ces sources. Cette mesure, si elle était approuvée par les gouvernements européens, entrerait en vigueur en novembre prochain et s'appliquerait jusqu'en 2014. Les exportateurs canadiens BIOX Corp et Rothsay Biodiesel, filiale de Maple Leaf Foods, seraient exemptés de ces taxes supplémentaires. "Le Commission a constaté que ces deux entreprises étaient en mesure de prouver qu'elles n'étaient pas impliquées dans le contournement (des règles)", a précisé une source. (Diffusé dans [Le Figaro](#))

- **États-Unis – Une nouvelle étude économique affirme que les producteurs de bétail bénéficient de l'industrie du biodiésel** (9 mars 2011)

Thanks to biodiesel, soybean oil and meal economics favor the livestock industry concludes a study released today. In addition without America's advanced biofuel in the marketplace higher soybean meal prices could have cost the livestock industry \$4.8 billion from market years 2005 through 2009. The basic rule of thumb is when demand for soybean oil increases, the price of the other soybean component (soybean meal) decreases, says the U.S. Department of Agriculture funded study by CENTREC Consulting Group, LLC. Increasing demand for soybean oil benefits livestock feeders through lower meal prices. Illinois farmer and former economics and statistics professor Pat Dumoulin has seen biodiesel's benefits from every side of the equation. She and her family raise corn and soybeans as well as run a 2,100 sow operation. "No matter whether you are feeding pigs or people, biodiesel is helping meet the world's growing demand for protein," Dumoulin said. "With these economics, we would all win if the trucks that brought our soybean meal ran on America's advanced biofuel, biodiesel." Since 2007, the National Pork Producers Council has had a resolution stating that NPPC should promote the increased use of biodiesel as a renewable fuel source. The new study complements a January 2010 report funded by the United Soybean Board that considered biodiesel's economic impacts on the Soybean Sector. (Diffusé sur [National Biodiesel Board](#); Étude disponible [ici](#))

- **États-Unis (Connecticut) – Méthode de séparation biodiésel/glycérol en une seule étape** (22 mars 2011)

In Connecticut, UConn professor Richard Parnas has patented a biodiesel reactor that uses gravity, heat, and natural chemical reactions to make the biodiesel and separate the glycerol in one step rather than the traditional two-step method that requires mechanical removal of the glycerol. The existing facility produces about 2,000 gallons of biodiesel fuel a year. Parnas and colleagues Yi Li of the plant science department, Steven Suib of the chemistry department, Fred Carstensen of the economics department, and Harrison Yang of the Department of Natural Resources and the Environment are preparing to build a larger pilot biodiesel production facility using part of a two-year, \$1.8 million grant from the Department of Energy. The reactor will be capable of producing up to 200,000 gallons of biodiesel a year. Parnas says the pilot plant's production can easily be magnified for larger-scale commercial production. (Diffusé sur [Biofuels Digest](#))

- **Espagne – Inondée par les importations de l'Argentine, l'industrie espagnole du biodiésel est en difficulté** (25 mars 2011)

In Spain, swamped by biodiesel imports from Argentina, some biodiesel producers are preparing to shut down with substantial layoffs expected in the coming weeks. This is despite the government pushing biodiesel blending rates to 6% this year and 7% in 2012, up from an expected 3.9% original seen for this year. Producers are still waiting for promised protection measures expected last year to combat imports. (Diffusé sur [Biofuels Digest](#))

- **États-Unis (Kansas) – KABB annonce un investissement de 200 000 \$ dans les laboratoires d'analyse de biocarburants de l'Université du Kansas** (30 mars 2011)

The Biofuels Lab is a \$1.2 million initiative to develop a full suite of testing facilities for chemical and fuel properties of existing and potential next-generation fuels. "The Biofuels Lab at the University of Kansas will allow researchers to gather critical information about next generation biofuels," said KABB CEO Jeff Roskam. "This facility will be an innovative resource that will help position Kansas on the forefront of the emerging bioenergy economy. At a time when uncertain

world events dictate the ever increasing price of fossil fuels, KABB is working to reduce fuel costs through innovative biofuel research done right here in Kansas." The KU Biofuels Laboratory capabilities will accelerate the development of biofuels, engine and engine emission technology for industry, students and state agencies. The facility will have a suite of equipment allowing it to complete American Society for Testing Materials (ASTM) required testing on biodiesel, fuel ethanol and other fuels under development. The lab will also house an engine test cell that will allow researchers to test the combustion and emission properties of fuels. "Our researchers are excited to be working with KABB on a project that is extremely important for the Kansas economy," said Carey Novak, director of business and industry outreach at KU. "We have excellent facilities in Lawrence for biofuels and biorefining research, and a strong desire to turn the resulting technology into new products and services that benefit society." The primary funding source for the KU Biofuels Lab was secured from the federal government by then-Senator Sam Brownback. KABB made its first investment - a commitment of \$200,000 - and provided the required matching funds to build out the full capabilities of the lab as proposed. Mechanical completion is scheduled for early 2012. Once operational and with the institutional support of two full time laboratory technicians, the lab can begin a multiyear process of obtaining ASTM certification. The Kansas Alliance for Biorefining and Bioenergy is cultivating the future of renewable energy by uniting key bioenergy industry players with world-class research and development resources. KABB is connecting industry leaders, researchers, engineers and investors to build innovative biorefining and bioenergy industries in Kansas. KABB received \$4.1 million in initial funding from the Kansas Bioscience Authority under its Bioscience Centers of Innovation program. (Diffusé sur [Checkbiotech](#))