

2013-2014 – Emergence and Innovation Annual report form

This report shall provide information on results and impact of your “Emergence and Innovation” project funded by A*MIDEX.

Feel free to add to this report all the documents illustrating the implementation of your project.

I. General Information

Title of the project	The dynamics of inequalities and their perceptions - DynIPer
Reference of the project	A*M-AAP-EI-13-01-130109-17.07-DynIPer-SCE
Project manager	Michel LUBRANO

II. Qualitative data

1. Main activities and achievements

Please remind the objectives for the first period of the project.
Provide a description of the activities carried out since the start of the project and the main results.

The objectives of the first period were described in the submission document :
Hiring of a post doc, data gathering, organization of an experiment, organization of a first workshop.

Of course things went on a bit differently as planned. We started the project by the most important and delicate point which was recruiting a post doctoral position. We posted an announcement on *Inomics*: <https://inomics.com/jobs> in November 2013. We received many propositions from abroad. We interviewed by Skype several of these promising propositions. We finally decided to hire two post doc positions for one year each instead of one for two years.

- Malgorzata Dereniowska comes from Poland and is holding a PhD in Philosophy. She is particularly interested in Environmental Justice. She interacts with the team in Economic Philosophy.
- Paolo Melindi Ghidi comes from Belgium and is holding a PhD in

Economics. He has a wide spectrum, from Environmental justice to macro-dynamics. He interacts mainly with macroeconomists. He will act as a link to promote relationships with the University of Louvain.

These two post doc candidates were chosen on the basis of scientific excellence and adequacy with the scientific program.

The gathering of data-bases was launched in March 2014 when recruiting an internship student from the Engineering School in Tunis ESSAIT (Ecole Supérieure de la Statistique et de l'Analyse de l'Information). This student managed to collect the data-bases from the BHPS (UK), GSOEP (Germany), PISA (education data from the OECD survey), World Value Survey. He stayed for four months.

Two workshops were organized, one opening workshop on the 23rd of January 2014, the second on the 1st of July 2014. These two workshops were the occasion of presenting the involvement of each member of the team in the project. The programs are available on the web site of the project <http://www.vcharite.univ-mrs.fr/PP/lubrano/Amidex/DynIPer.html>. Frank Cowell, from the LSE, attended the second workshop. An internal working group was organized in March-April around the econometric problems raised by the measurement of income mobility.

A PhD student is starting her dissertation on themes related to the project. Majda Benzidia passed her AMSE Master with very high honors. She got a Doctoral fellowship from the Doctoral School in Economics of the AMU. She is going to work on the PISA data set. Her objective is to measure the impact of socio economic factors on school achievements and the role of stereotypes for girls. Schooling achievements are at the source of many inequality dynamics.

A member of the team, Jean-Sebastien Gharbi went for two months at the University of Louvain for a post Doctoral stay at the Hoover Chair in Ethics.

2. Potential deviations and contingency measures

Please describe any deviations between the planned achievements and the current results. You can describe the difficulties you have experienced and please specify the contingency measures taken to address them.

Two deviations appeared in the project, one which is positive, the other one which is a delay. The positive deviation comes from the scientific orientation of one the post doctoral candidates who has developed a project in Environmental Justice.

This project is closely related to the Dynamics of Inequality and their Perceptions, but insist specifically on a point. This inflexion is positive because it can promote relations with the University of Louvain where there are researchers also interested by this topic, in particular those working previously with the second recruited post doc candidate. A workshop in Environmental Justice will take place in Marseille on the 28th of November 2014. This one-day workshop will gather researchers from outside Greqam and France. This inflexion is positive also because it attracts new researchers from Greqam to work on the project.

The second deviation corresponds to a simple delay. It concerns the project of running an experiment around equality of opportunity. The experiment will take place next January. The researcher in charge went back to Greqam only lately after a stay in Austria.

3. Perspectives

If you have already identified risks jeopardizing the implementation of the project, please notify them and describe the planned actions to tackle them.

The main difficulties of the project are related to problems of coordination. The project relies on the cooperation of researchers working in different fields (econometrics, macro and micro economics, economic philosophy). I launched the project alone. But I soon realised that I needed the help of somebody else for coordinating that work. Thomas Seegmuller has accepted to do the job. He is a DR CNRS researcher working in the field of macroeconomics, which is not my own field. So we are complementary.

III. Indicators

Please fill in the tables below.

a. Number of post-doctoral fellows

Specify if there was a call for application and if yes, how high was the selection rate

Two post-doctoral fellows were recruited after an international announcement. We had a great number of returns on this announcement, but only five were closely related to the topic. An interview was organised for these five persons.

b. Number of PhD students

Specify if there was a call for application and if yes, how high was the selection rate

One PhD student is working on the project, following her success to the Master AMSE.

c. Did you obtain a scientific recognition?

Please specify the kind of award: ERC, IUF, other award according to the following list <http://www.legifrance.gouv.fr/affichTexte.do?cidTexte=JORFTEXT000021751714&dateTexte=&categorieLien=id>

Sebastian Bervoets obtained an ANR financing called *Social Mobility, Social Exclusion and Social Networks*.

Yann Bramoulé obtained an ERC grant entitled *Markets and Networks*.

So the microeconomics team working on networks and the dynamics of inequalities received a strong outside recognition.

Finally, Raouf Boucekkine (macro team) was elected IUF senior.

d. Publications

Please specify the references of the publication(s) and notify if some publications are co-signed with foreign partners

More than 60% of the 21 publications that were issued during this starting period were co-signed with foreign coauthors.

Econometrics

Abdoul Aziz Junior Ndoye and Michel Lubrano (2014) "Tournaments and Superstar Models: A Mixture of Two Pareto Distributions" *In Economic Well-Being and Inequality: Papers from the Fifth ECINEQ Meeting*. Published online: 06 Oct 2014; pp 449-479.

Lubrano Michel and Abdoul Aziz Junior Ndoye (2014) Income Inequality Decomposition using a Finite Mixture of Log-normal Distributions: A Bayesian Approach. To appear in *Computational Statistics and Data Analysis*.

Christophe Muller and C.J. Nordman (2014) Task Organization, Human Capital and Wages in Moroccan Exporting Firms . *Middle-East Development Journal*, December 2014.

Christophe Muller (2014) A Test of Separability of Consumption and Production

Decisions of Farm Households in Ethiopia,” *Journal of Poverty Alleviation and International Development*, Decembre 2014.

Cowell, F. A., R. Davidson, et E. Flachaire (2014). “Goodness of Fit: an Axiomatic Approach”, *Journal of Business and Economic Statistics*, à paraître.

Allen, A., S. Burgess, R. Davidson, and F. Windmeijer (2014). More Reliable Inference for the Dissimilarity Index of Segregation”, *Econometrics Journal*, à paraître.

Yann Bramoulé, Vincent Boucher, Habiba Djebbari and Bernard Fortin (2014) Do Peers Affect Student Achievement ? Evidence from Canada Using Group Size Variation”. *Journal of Applied Econometrics*, January-February 2014, 29: 91-109.

Microeconomics

Olivier Chanel, Graciela Chichilnisky, Sébastien Massoni and Jean-Christophe Vergnaud (2014) Exploring the role of emotions in decisions involving catastrophic risks: Lessons from a double investigation. To appear in the *Handbook on the Economics of Climate Change*.

Danan, Eric, Gajdos, Thibault and Tallon, Jean-Marc (2014) Harsanyi's Aggregation Theorem with Incomplete Preferences, *American Economic Journal: Microeconomics*, to appear.

Frédéric Deroian and Mohamed Belhaj (2014) Competing Activities in Social Networks, forthcoming in the *Berkeley Electronic Journal of Economic Analysis and Policy*

Roemer John E. And Alain Trannoy (2014) Equality of opportunity. In *Handbook of Income Distribution*, Chap. 4, Vol 2A.

Yann Bramoulé, Rachel Kranton and Martin d'Amours (2014) Strategic Interaction and Networks. *American Economic Review*, March 2014, 104 (3): 898-930.

Economic Philosophy

Malgorzata Dereniowska and Jason P. Matzke (2014) Guest editor of the special issue “Environment, ethics, and sustainability: Crossroads of our future” of the journal *Ethics in Progress* 5(1) 2014.

Malgorzata Dereniowska and Jason P. Matzke (2014) “Introduction: Interdisciplinary Foundations for Environmental and Sustainability Ethics,” *Ethics-in-Progress*, 5(1)

Malgorzata Dereniowska (2014) Book review “Climate Change Ethics. Navigating the Perfect Moral Storm by Donald A. Brown. London and New York: Earthscann from Routledge, 2013,” *Ethics-in-Progress*, 5(1).

Jean-Sébastien Gharbi (2014), "On the Meaning of Non-Welfarism in Kolm's ELIE model of Income Redistributive" (with Yves Meinard), *Journal of Economic Methodology*, to appear.

Macroeconomics

Thomas Seegmuller, Robert Becker, Stefano Bosi and Cuong Le Van (2014) On Existence and Bubbles of Ramsey Equilibrium with Borrowing Constraints. *Economic Theory*, to appear.

Thomas Seegmuller, Kazuo Nishimura, Carine Nourry and Alain Venditti (2014) On the (De)Stabilizing Effect of Public Debt in a Ramsey Model with Heterogeneous Agents. *International Journal of Economic Theory*, to appear.

Boucekkine R., G. Fabbri and F. Gozzi (2014) Egalitarianism under population change: Age structure does matter. *Journal of Mathematical Economics*, forthcoming.

Boucekkine R. and N. Bonneuil (2014) Viable Ramsey economies. *Canadian Journal of Economics* 47, 422-441.

Boucekkine R., F. Prieur and K. Puzon (2014) The dynamics of lobbying under uncertainty: on political liberalization in Arab countries. *Dynamic Games in Economics*, J. Haunschmied, V. Veliov and S. Wrzaczek (Eds.), Springer-Verlag: Berlin, pp 69-88.

e. Patents

Please specify the date and title of the patent application(s)

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f. Communications

Please specify the references of the oral communication(s) / poster (s), the date and the related event

Lubrano Michel: Income Mobility and the Preference for Redistribution in a Context of Globalization. Presented at the 5th International Conference in Political Economy *Crisis: Scholarship, Policies Conflicts and Alternatives*, the University of Naples L'Orientale, Naples, 16-18 September 2014.

Xun Zhou: Preference for redistribution and inequality perception in China: Evidence from the 2006 CGSS. Presented at the 5th International Conference in Political Economy *Crisis: Scholarship, Policies Conflicts and Alternatives*, the University of Naples L'Orientale, Naples, 16-18 September 2014.

Chanel Olivier: *WCERE 2014: Fifth World Congress of Environmental and Resource Economists*, Istanbul, June 28th - July 2nd 2014.

Malgorzata Dereniowska (2014) "Finding a Middle Ground Between Agonism and Deliberation: Integrity-Preserving Compromise and Moral-Democratic Competence" (avec Jason P. Matzke, University of Mary Washington), presented at the 8th International Symposium on *Moral-Democratic Competence & Conflict Resolution*, Konstanz University, Konstanz, 28 - 30 July 2014.

Malgorzata Dereniowska (2014) "Social-environmental inequalities: sustainability and capability approach" (avec Jean-Sébastien Gharbi, Greqam), presented at the Second DynIPer Workshop, Marseille, 1 July 2014.

Malgorzata Dereniowska (2014) "Sustainability through considerations of justice: citizen participation as collective capability" (avec Jean-Sébastien Gharbi, Greqam), presented at the IRCS-SENSE Summer School on Urban Transitions to Sustainability, Reims, 22-26 June 2014.

Malgorzata Dereniowska (2014) "Student in the Curriculum: Pluralism, Democracy, and Justice in Rethinking Economics Education" (with Ioana Negru, SOAS, University of London), the 5th International Conference in Political Economy *Crisis: Scholarship, Policies Conflicts and Alternatives*, the University of Naples L'Orientale, Naples, 16-18 September 2014.

Malgorzata Dereniowska (2014) "Ecosystem services as dependent on human perception: The role of human valuing in ecosystem services mapping" (avec Joanna Piwowarczyk, Institute of Oceanology, Polish Academy of Science), 3rd ECOSERV Symposium on *Ecosystem Services as a Subject of Transdisciplinary Research*, Adam Mickiewicz University and Polish Academy of Science, Poznań, September

25-26, 2014,

Jean-Sébastien Gharbi (2014) "Procedural Rationality and Procedural Justice, in Search of the Liberal Rationality" (with Malgorzata Dereniowska), 2nd International Conference *Economic Philosophy*, Strasbourg, October 9-10 2014.

Jean-Sébastien Gharbi (2014) "Just Taxation according to Kolm: The Issue of Tax Base", in *Mardis Intimes de la Chaire Hoover (MiCH)*, Hoover Chair, Catholic University of Louvain, Louvain-la Neuve, Belgium, September 30th.

Claude Gamel (2014) "Justice sociale: Sen contre Hayek face à Rawls. Le contractualisme libéral a contrario consolidé". Presented at 2nd International Conference *Economic Philosophy*, Strasbourg, October 9-10 2014.

Christophe Muller (2014) Social Welfare Comparisons with Fourth-Order Utility Derivatives presented at the UNU-WIDER Conference on 'Inequality - measurement, trends, impacts, and policies', 5-6 September, Helsinki, Finland.

Christophe Muller (2014) Priority-Based Multidimensional Poverty presented at the Poverty Goetingen Workshop, 2-4 July 2014: Goetingen, Germany.

Raouf Boucekkine (2014) "On the timing of political regime changes in Arab countries" (with Prieur and Puzon) presented at Ecole CIMPA , Tlemcen (Algeria), 22-24 avril, 2014.

Emmanuel Flachaire (2014) 2nd Conference of the International Society of NonParametric Statistics". 12 - 16 June, Cadiz, Spain.

Russell Davidson (2014) ISCEF (International Symposium in Computational Economics and Finance), Paris, avril 2014;

Russell Davidson (2014) "Time Series Conference", Montréal, mai 2014.

Russell Davidson (2014) Association canadienne d'économie (sic) (Canadian Economics Association), Vancouver, mai 2014.

Russell Davidson (2014) Econometrics Study Group, Bristol, juillet 2014.

Russell Davidson (2014) Atelier canadien d'économétrie (Canadian Econometrics Study Group), Vancouver, octobre 2014.

Alain Trannoy (2014) "*Stochastic Dominance and Equity*", Workshop Advances in

stochastic dominance for welfare analysis, Clermond-Ferrand, 18 – 19 September 2014.

Nicolas Gravel (2014) Ranking distributions of an ordinal attribute. Journées Louis-André Gérard-Varet, Aix-en-Provence, 23 juin 2014.

Nicolas Gravel (2014) Workshop "Inequalities", Collège Mondial de Philosophie, Paris, 27 juin 2014.

Nicolas Gravel (2014) Association for Public Economic Theory, Seattle, 12 July 2014.

Thomas Seegmuller (2014) Journées LAGV, Aix-en-Provence, Juin 2014.

Thomas Seegmuller (2014) Conférence Public Economic Theory, Seattle, Juillet 2014.

Thomas Seegmuller (2014) Conférence FAERE, Montpellier, Septembre 2014.

g. Pulling effect of the A*MIDEX funding

Did you obtain French or European funding related to your Emergence and Innovation project? If yes, please specify the amount.

Notify if a position is opened in your lab to strengthen your research theme.

h. Impact

Specify if your project has yielded industrial and / or international partnership(s). If yes, please indicate the partner(s) involved and the amount of the partnership(s).

Conclusion

To what extent, the A*MIDEX grant has allowed you to implement new activities that wouldn't have existed without the Excellence Initiative.

Please provide any relevant information highlighting the assets and the impacts of your project, at both the laboratory and the Aix-Marseille site scales.

The A*MIDEX grant has allowed us to implement new activities inside Greqam. Thanks to the project, we managed to coordinate and amplify potentialities that were already existing around the theme of *economic inequalities*. We managed to develop a new theme around *environmental justice*. We organized already two workshops. Mainly, the project was the occasion for hiring two post doctoral fellows who contribute a lot to the scientific life of the group because they are bringing in new vision, new ideas and new networks. The project was also the occasion of sending a member of the team for a two month stay at the University of Louvain.

According to this project, what good practices could be transferred to Aix-Marseille University?

Scientific life in a group in a university is developed through exchanges, visits, outside cooperation. Post doctoral positions are a good way of promoting interactions when they are well managed and correspond to a scientific project. The University of Aix-Marseille should develop the availability of such temporary positions.

Date: October 2014

Place: GREQAM, Centre de la Vieille Charité, Marseille

Name of the project manager: Michel LUBRANO

Signature of the project manager:

