

PURWANTO, Prof. DR. IR. Dipl.EP. DEA

Guru Besar Teknik Kimia FT UNDIP

Dekan Sekolah Pascasarjana UNDIP

Ketua Presidium Forum Pimpinan Pascasarjana PTN se Indonesia

LAHIR : DEMAK, 28 DESEMBER 1961

ALAMAT : JL. GANESHA TENGAH I/143 SEMARANG

E-mail : purwanto@live.undip.ac.id

HP : 081.5660.3569

PENDIDIKAN :

- S1 TEKNIK KIMIA UNDIP, lulus th 1985
- Sp1 TEKNOLOGI PROSES, INPL PRANCIS, lulus th 1990
- S2, (DEA), TEKNIK KIMIA, INPT PRANCIS, lulus th 1991
- S3, (DOKTOR), TEKNOLOGI PROSES, INPT PRANCIS, lulus th 1994

BIDANG KAJIAN PENELITIAN :

- Teknik Reaksi Kimia,
- Manajemen Limbah, Teknologi Hijau,
- Kewirausahaan

BIDANG KAJIAN PENELITIAN :

- Sitasi : 393
- H-indeks : 7
- I10 indeks : 6

Presentasi

1. Posisi Perguruan Tinggi Indonesia
2. Pembangunan Industri Nasional
3. Modal Dasar
4. Pengembangan Teknologi
5. Diseminasi dan Publikasi
6. Publikasi Internasional
7. Membuat Profil “Google Scholar”

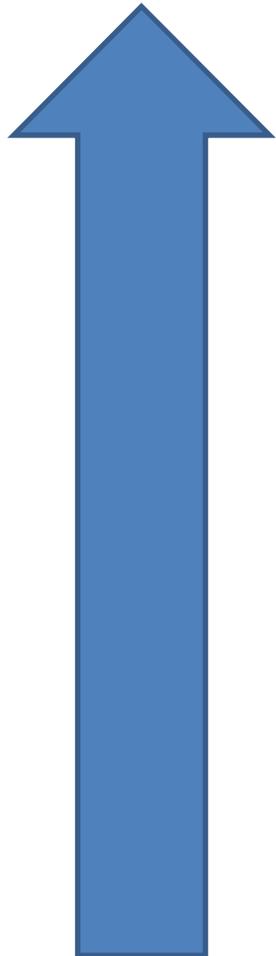


ERA ABAD 21

Penduduk dunia : 7,3 M (2015)

→ 8,5 M (2030)

1



PANGAN



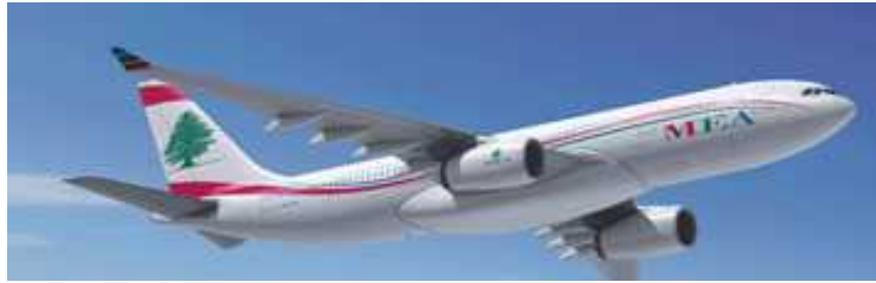
PAPAN



ENERGI



ICT



ASEAN
Economic
Community

MASYARAKAT
EKONOMI
ASEAN

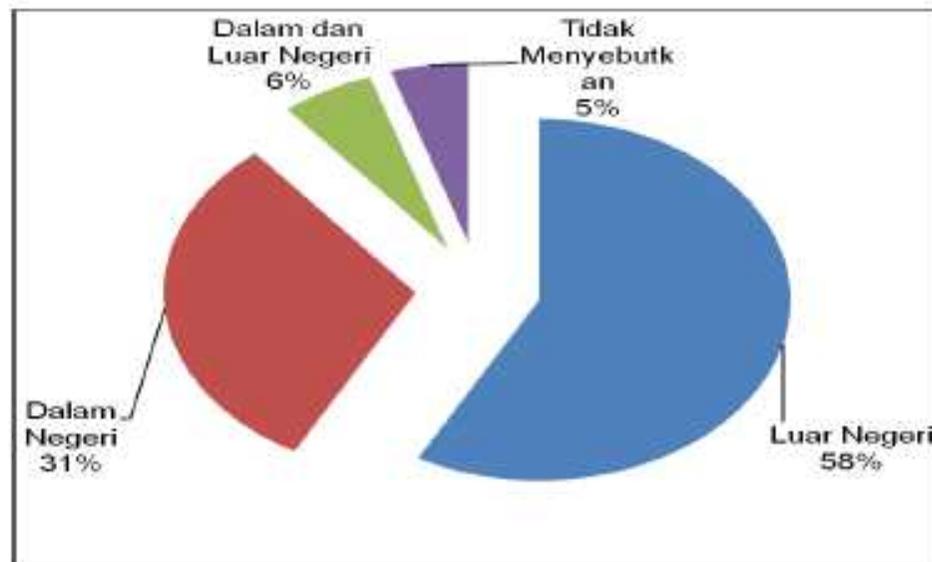
PELUANG

HAMBATAN

DAYA SAING

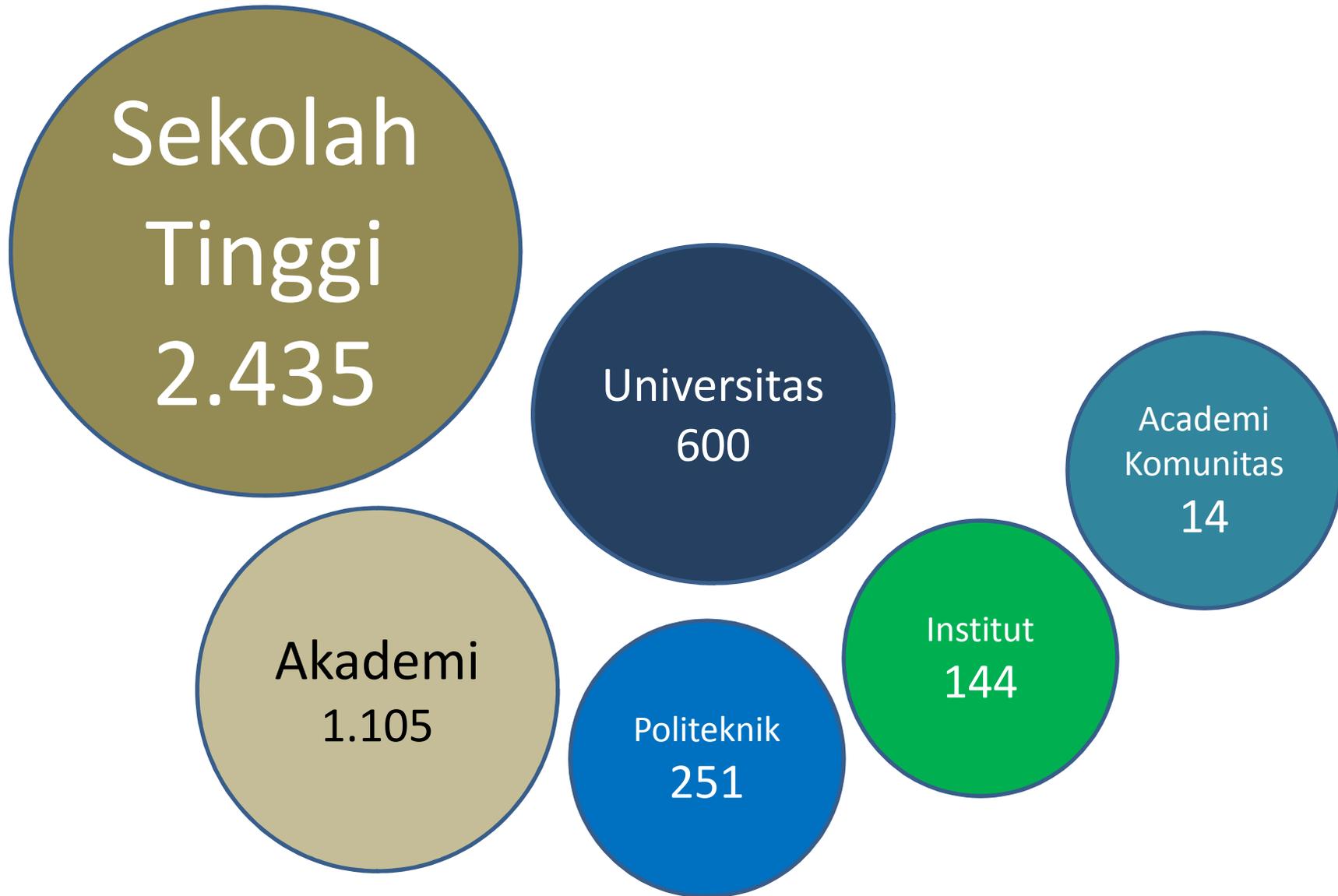
INDEKS INOVASI INDONESIA 2015

Index	Score	Rank
Global Innovation Index	29.8	97
Human Capital & Research:	24.3	87
Education	32.9	106
Tertiary Education	28.1	79
Research and Development	11.9	64
Knowledge and technology outputs	20.9	100



Sources of technology used by the nation is dominated by foreign products (58%). Meaning that to achieve technological independence, we need to work extra hard. For that, we need to select the technologies that can become the nations mainstay.

Jumlah Perguruan Tinggi = 4.549



Jumlah dan Rasio Program Studi

- Jumlah Program Studi : 2.057
 - Diploma (D1 → D4) : 6.062
 - Sarjana (S1) : 14.596
 - Magister (S2) : 2.559
 - Doktor (S3) : 563
 - Spesialis 1 (Sp1) : 264
 - Spesialis 2 (Sp2) : 13

Rasio Program Magister / Sarjana = 1 : (5,7)

Rasio Program Doktor / Magister = 1 : (4,5)

QS University Ranking 2018

Quacquarelli Symonds

1. Nanyang Technology University Singapore (11)
2. National University of Singapore (15)
3. Tsinghua University (25)
4. The University of Hongkong (26)
5. The University of Tokyo (=28)

ASIA

INDONESIA

Universitas Indonesia (277).
Bandung Institute of Technology (ITB) (331)
Gadjah Mada University (401-410)
Airlangga University (701-750)
Bogor Agriculture University (751-800)
Diponegoro University (801-1000)
Institute of Technology Sepuluh Nopember (801-1000)

The 10 indicators used to compile the QS University Rankings

- **Academic reputation (40%)**
- Employer reputation (10%)
- **Faculty/student ratio (20%)**
- **Citations per per faculty (20%)**

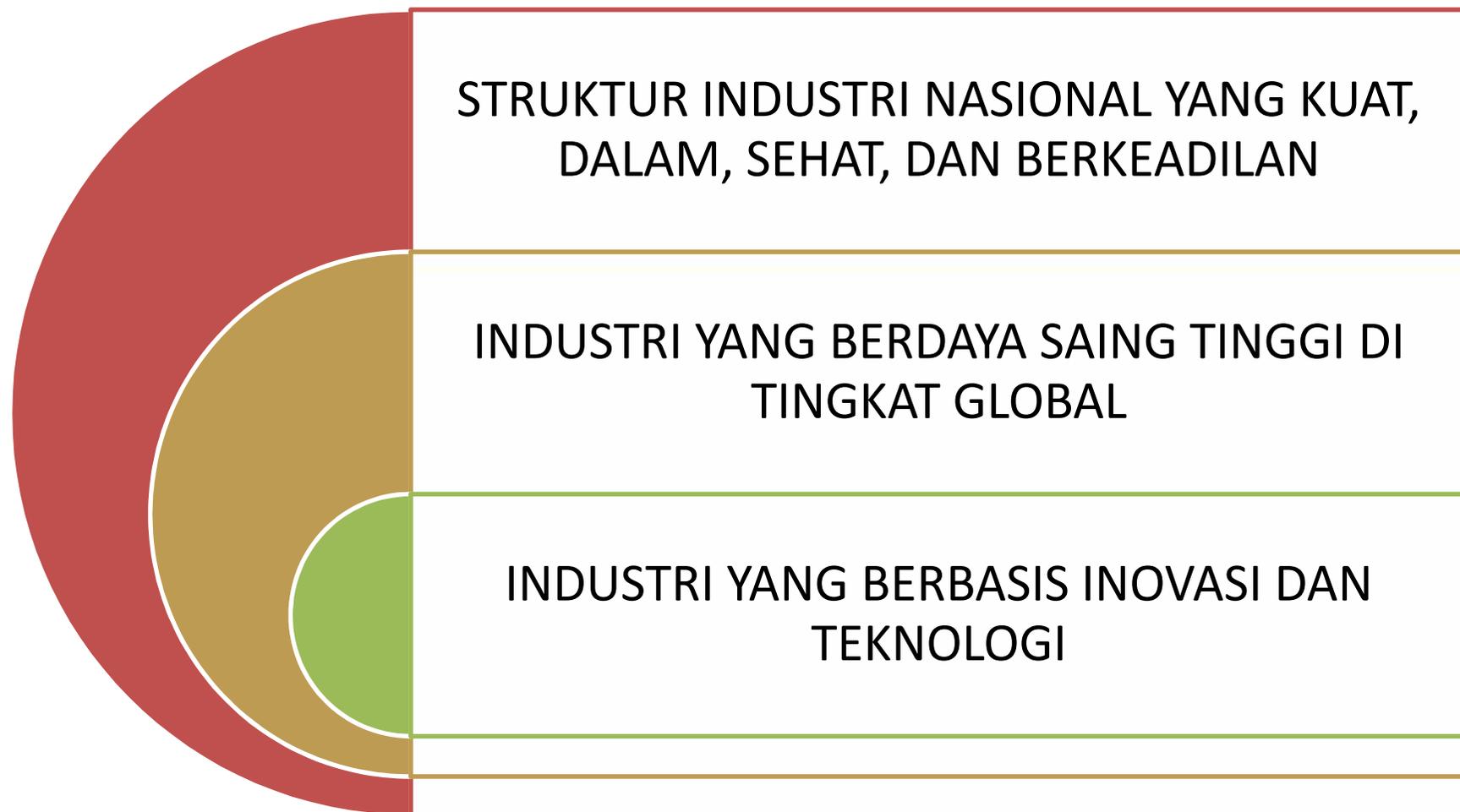
All citations data is sourced using Elsevier's Scopus database.

- International faculty ratio (5%)
International student ratio (5 %)

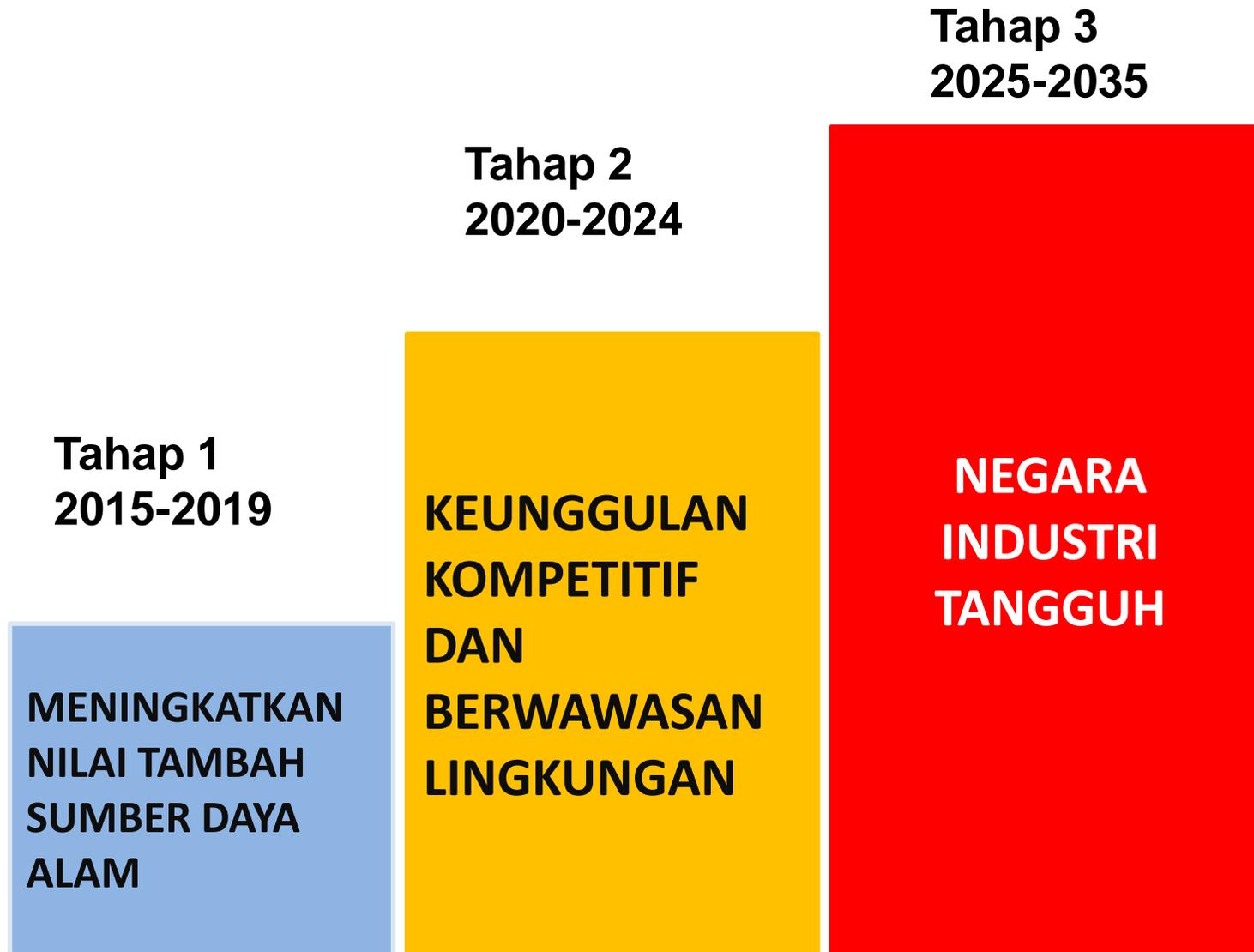
PEMBANGUNAN INDUSTRI NASIONAL

2

INDONESIA MENJADI NEGARA INDUSTRI TANGGUH



TAHAPAN PEMBANGUNAN INDUSTRI NASIONAL



INDUSTRI PRIORITAS

PANGAN

**PEMBANGKITAN
ENERGI**

**FARMASI, KOSMETIK
DAN ALAT KESEHATAN**

**BARANG MODAL,
KOMPONEN, BAHAN
PENOLONG DAN JASA
INDUSTRI**

**TEKSTIL, KULIT, ALAS
KAKI DAN ANEKA**

HULU AGRO

ALAT TRANSPORTASI

**LOGAM DASAR DAN
BAHAN GALIAN BUKAN
LOGAM**

**ELEKTRONIKA DAN
TELEMATIKA, ICT**

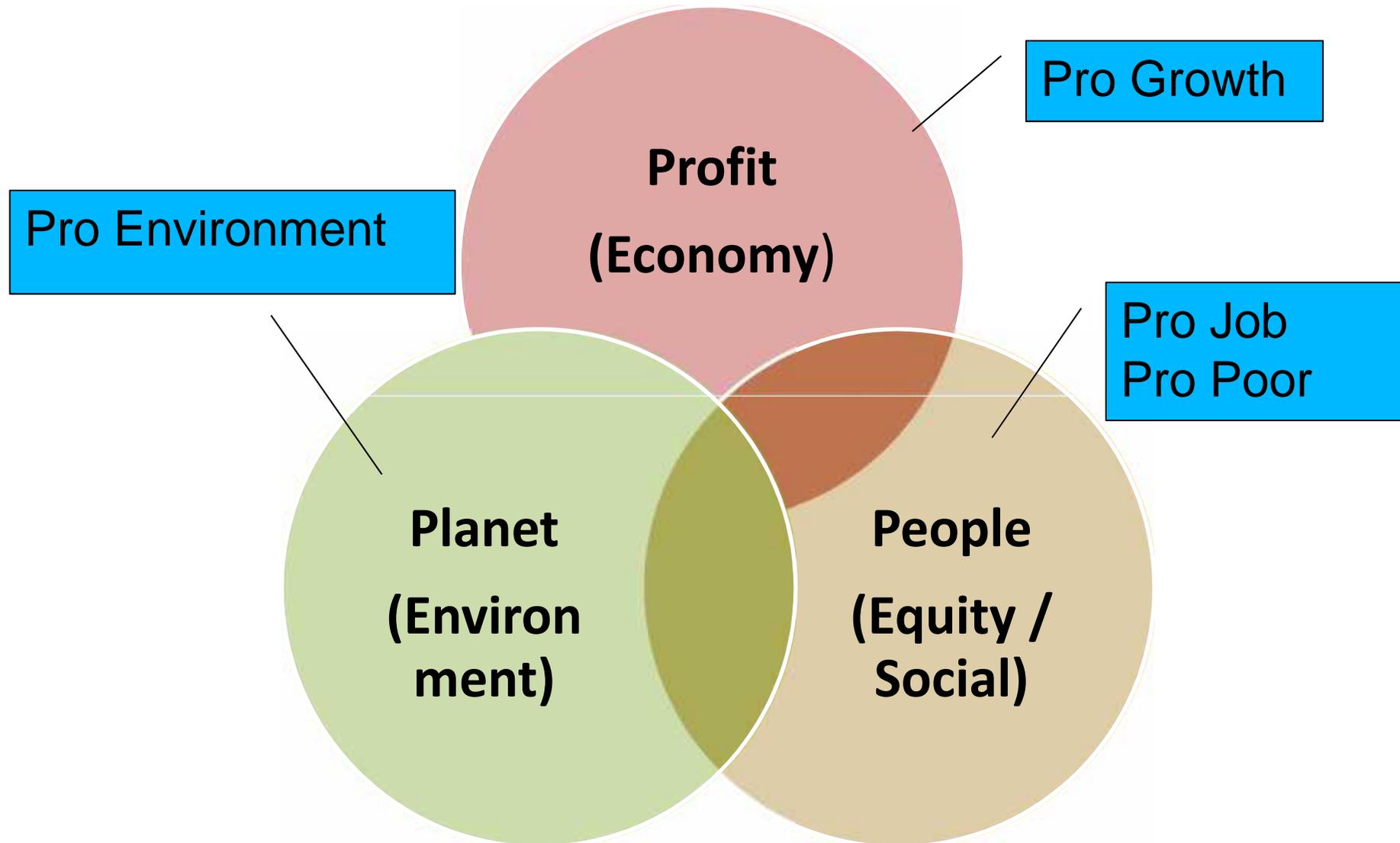
**KIMIA DASAR BERBASIS
MIGAS DAN BATUBARA**



Pembangunan Berkelanjutan *(Sustainable Development)*

- Pembangunan untuk memenuhi kebutuhan saat ini tanpa mengorbankan kebutuhan generasi mendatang untuk memenuhi kebutuhannya.
- Pembangunan berkelanjutan memadukan tiga pilar Ekonomi, Lingkungan, Sosial

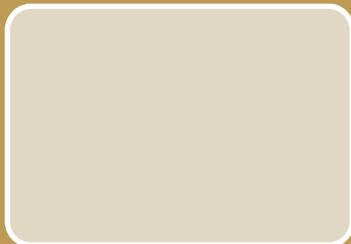
Pembangunan berkelanjutan



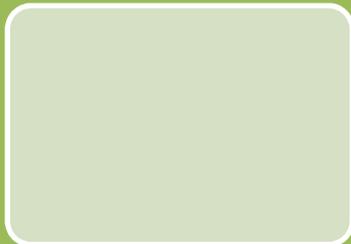
MODAL DASAR



SUMBER DAYA ALAM

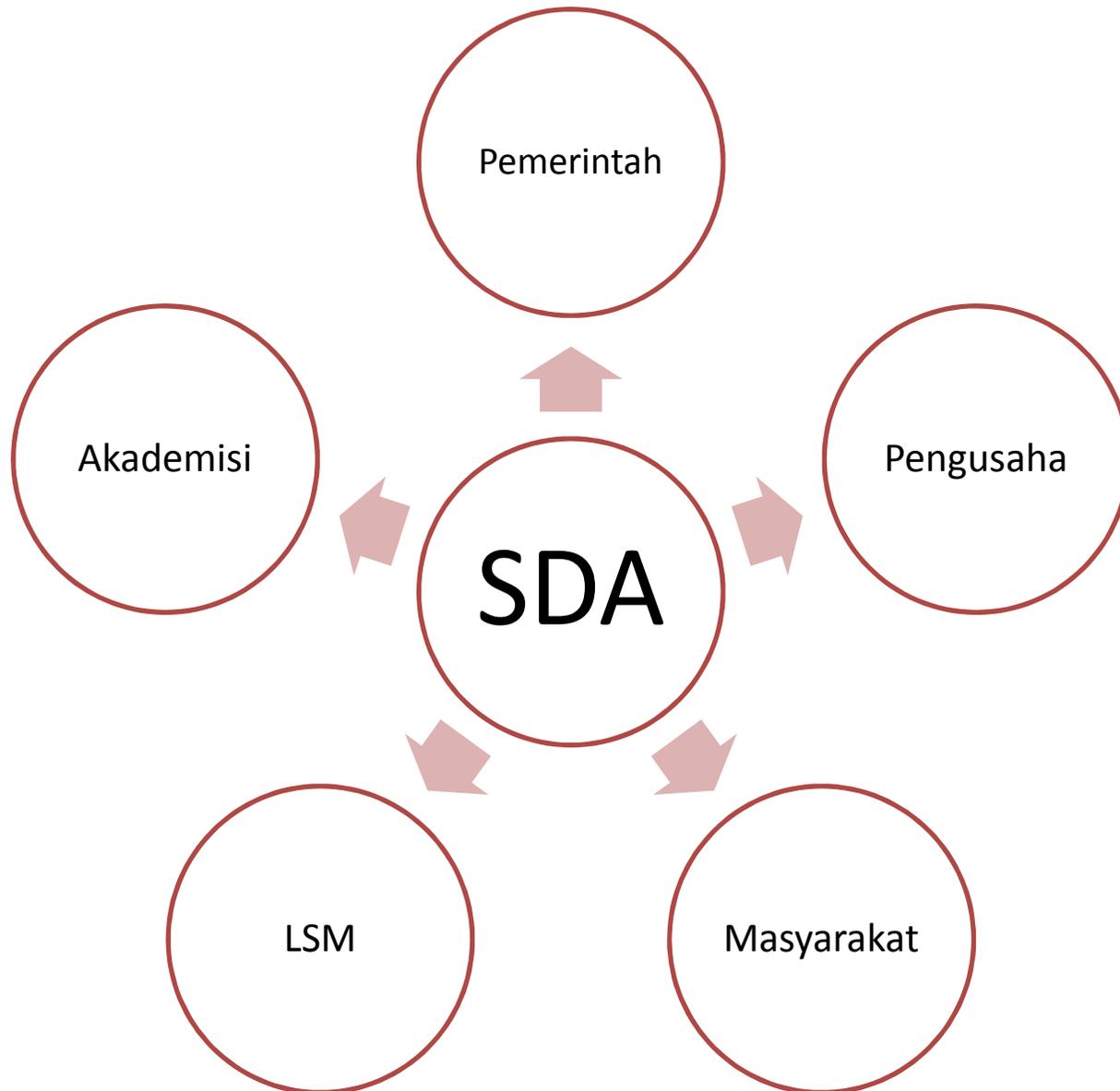


SUMBER DAYA MANUSIA

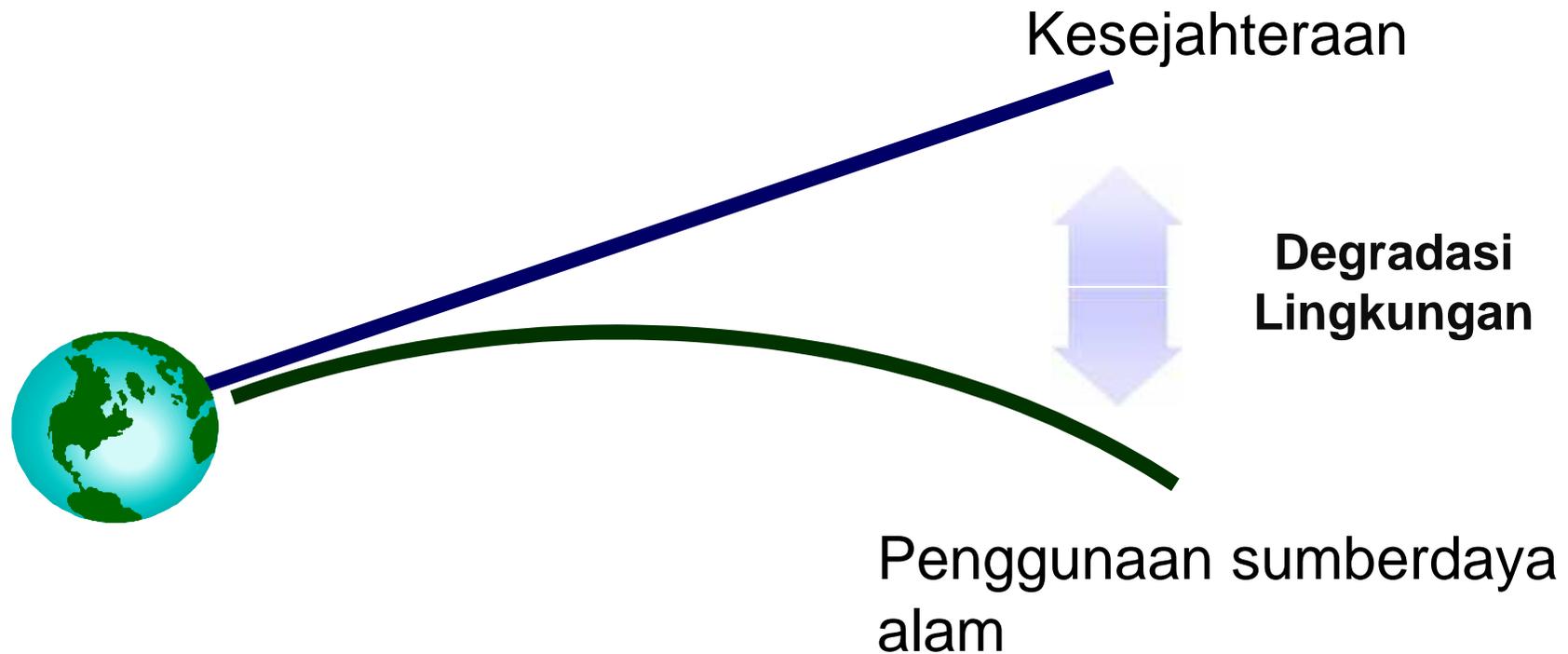


TEKNOLOGI, INOVASI,
KREATIVITAS

Pemanfaatan Sumber Daya Alam



Pemanfaatan Sumberdaya Alam



Mempertimbangkan efisiensi sumberdaya

Pengembangan SDM



SDM

Data BPS

- Jumlah Penduduk, 2015
- 255 461,7 Ribu Jiwa
- Persentase Penduduk Miskin, September 2015
- 11,13 Persen
- Indeks Pembangunan Manusia, 2014
- 68,9

The screenshot shows the official website of the Badan Pusat Statistik (BPS) of Indonesia. The page features a blue header with the BPS logo and navigation links. The main content area displays an abstract (Abstraksi) for a report on poverty. The abstract discusses the number of people living in poverty in Indonesia, the percentage of the population living in poverty, and the impact of food prices on the poverty line. It also mentions the Human Development Index (HDI) and the Index of Food Security (IFS).

Abstraksi:

- Pada bulan Maret 2015, jumlah penduduk miskin (penduduk dengan pengeluaran per kapita per bulan di Garis Kemiskinan) di Indonesia mencapai 20,59 juta orang (11,22 persen), bertambah sebesar 0,06 juta orang dibandingkan dengan kondisi September 2014 yang sebesar 20,53 juta orang (10,96 persen).
- Persentase penduduk miskin di daerah perkotaan pada September 2014 sebesar 8,16 persen, naik menjadi 8,79 pada Maret 2015. Sementara persentase penduduk miskin di daerah perdesaan naik dari 13,70 persen pada September 2014 menjadi 14,21 persen pada Maret 2015.
- Selama periode September 2014–Maret 2015, jumlah penduduk miskin di daerah perkotaan naik sebanyak 0,29 juta orang (dari 10,36 juta orang pada September 2014 menjadi 10,65 juta orang pada Maret 2015), sementara di daerah perdesaan naik sebanyak 0,57 juta orang (dari 17,57 juta orang pada September 2014 menjadi 17,94 juta orang pada Maret 2015).
- Peranan komoditi makanan terhadap Garis Kemiskinan jauh lebih besar dibandingkan peranan komoditi bukan makanan (perumahan, sandang, pendidikan, dan kesehatan). Sumbangan Garis Kemiskinan Makanan terhadap Garis Kemiskinan Maret 2015 tercatat sebesar 73,23 persen, kondisi ini tidak jauh berbeda dengan kondisi September 2014 yang sebesar 73,47 persen.
- Komoditi makanan yang berpengaruh besar terhadap nilai Garis Kemiskinan di perkotaan relatif sama dengan di pedesaan, di antaranya adalah beras, rokok kretek filter, telur ayam ras, daging ayam ras, mie instan, gula pasir, tempe, tahu, dan kacang kedelai. Untuk komoditi bukan makanan standarnya adalah biaya perumahan, bensin, listrik, dan perlengkapan mandi.
- Pada periode September 2014–Maret 2015, baik Indeks Kedalaman Kemiskinan (F1) dan Indeks Keperawatan Kemiskinan mengalami peningkatan.

ASEAN POPULATION: MORE AND MORE MOUTHS TO FEED

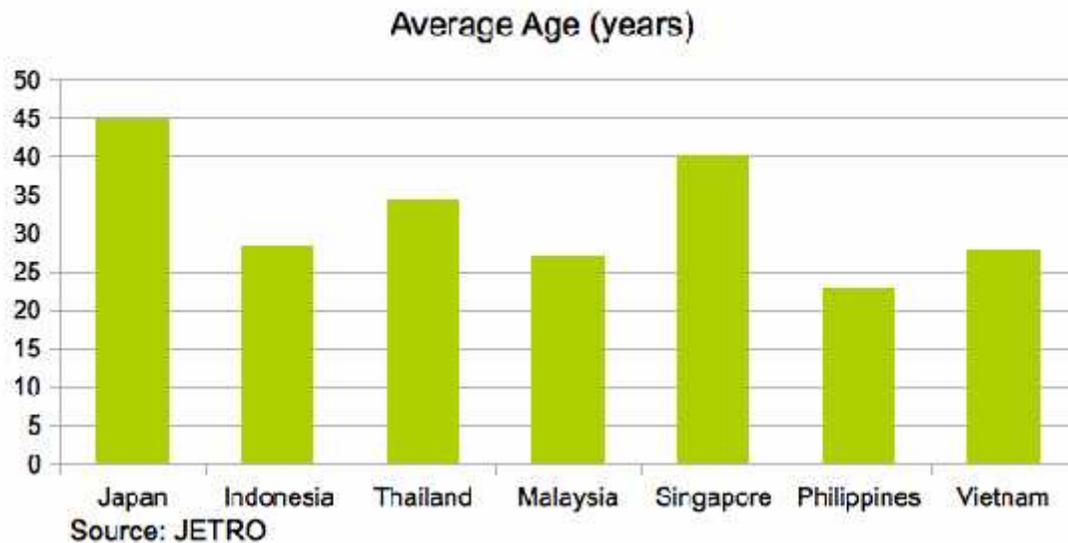


Inside investor

Source: Population Reference Bureau, 2012 World Population Data Sheet

Indonesia dengan Jumlah penduduk terbanyak di ASEAN

Indonesia memiliki Bonus demografi

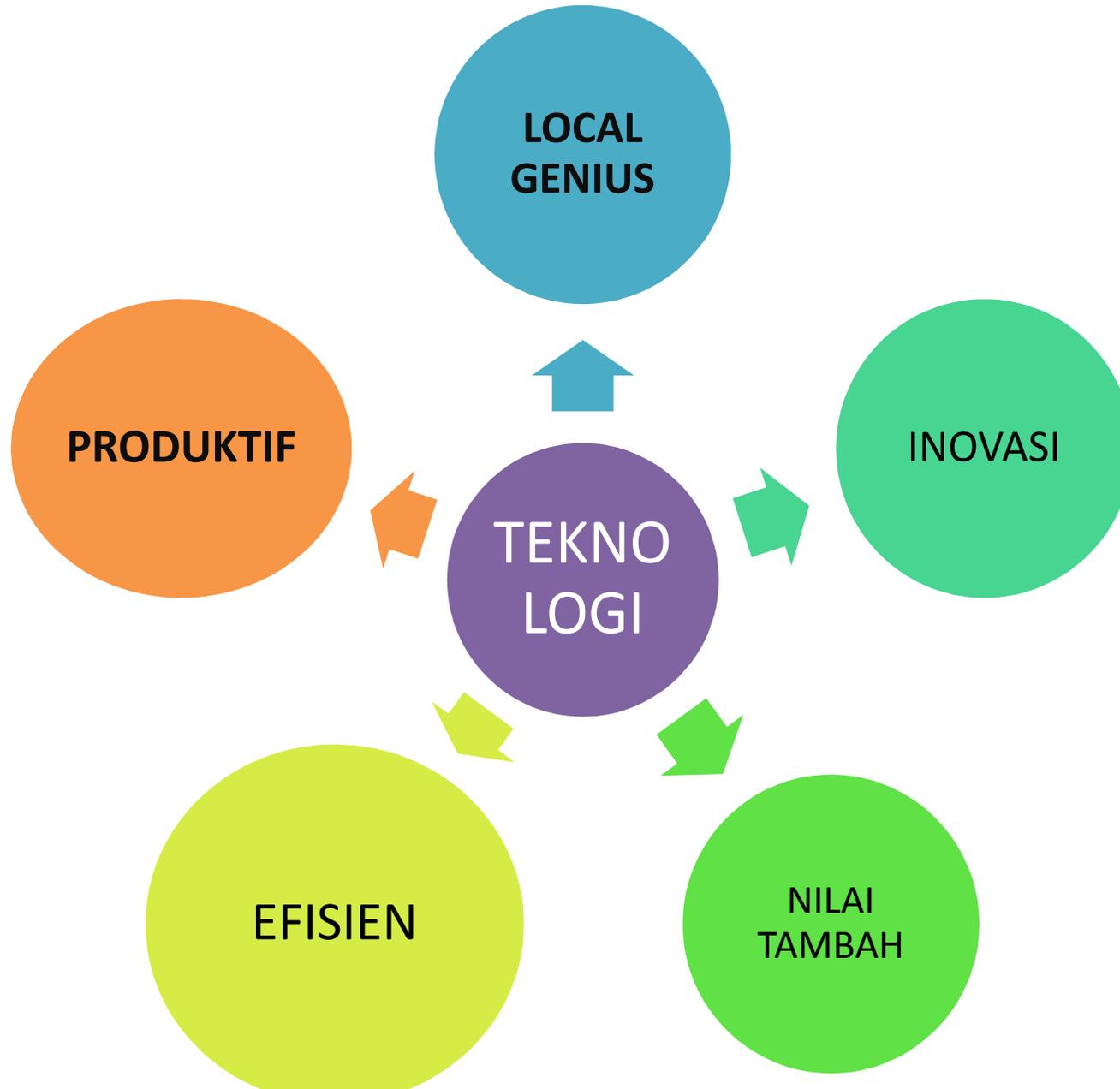


Sumber : http://concept-bank.com/wp-content/uploads/2012/05/Rural_html_24c88ecb.gif

mutu pendidikan tenaga kerja masih rendah, di mana hingga Februari 2014 jumlah pekerja berpendidikan SMP atau dibawahnya tercatat sebanyak 76,4 juta orang atau sekitar 64 persen dari total 118 juta pekerja di Indonesia.

Pengembangan Teknologi

4



Penelitian : Link and Match

- **Untuk apa melakukan Penelitian?**
 - Penelitian untuk Pendidikan
 - Penelitian untuk Peneliti
 - Penelitian untuk Masyarakat
- **Penelitian berbasis permasalahan yang dihadapi masyarakat dan industri**
- **Penelitian yang menghasilkan Inovasi**

Inovasi

- Penelitian tidak hanya sekedar mengulang sesuatu yang telah diketahui atau sudah ada di masyarakat**
- Penelitian untuk menghasilkan temuan baru**
- Penelitian yang memberi manfaat/ memberi kontribusi pada penyelesaian masalah pada masyarakat**
- Penelitian berorientasi paten : inventif (unsur kebaruan), teknologi, metode, proses, penerapan pada industri.**

Anggaran Penelitian ?

“Anggaran penelitian selalu menjadi perbincangan hangat”

”Rendahnya kualitas dan kuantitas penelitian sering dihubungkan dengan terbatasnya Anggaran”

Anggaran Riset :

- Indonesia : 0,09 %
- Thailand : 0,25 %
- Malaysia : 1 %
- Singapura : 2,6 %

**ANGGARAN BUKAN MENJADI
HAMBATAN
UNTUK MELAKUKAN PENELITIAN**

Fasilitas dan Peralatan

- Apakah penelitian dilakukan menunggu semua Fasilitas tersedia?
- Apakah penelitian dilakukan menunggu peralatan tersedia?

• **FASILITAS ?**

• **KREATIVITAS?**



**ISO 17025
ACCREDITED
LABORATORY**

FASILITAS



KREATIVITAS

**Peneliti yang
membantu Masyarakat**



**Masyarakat yang
membantu Peneliti**

PENGEMBANGAN ENERGI BARU TERBARUKAN

- *Solar water heater*
- *Solar cell*
- *Wind energy*
- *Biogas*



Pembuatan Tepung Ikan

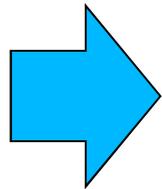


Pemanfaatan limbah ikan menjadi produk tepung ikan untuk bahan baku pakan ternak. Investasi sebesar 1 M, mengolah limbah menjadi produk yang bermanfaat, menyediakan lapangan kerja.

Contoh Pengembangan Teknologi Industri Makanan



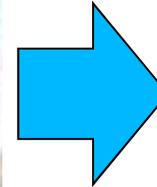
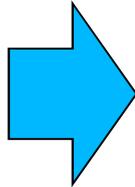
Ampyang
Local genius



INOVASI
Packaging



Contoh Pengembangan Teknologi Industri Makanan



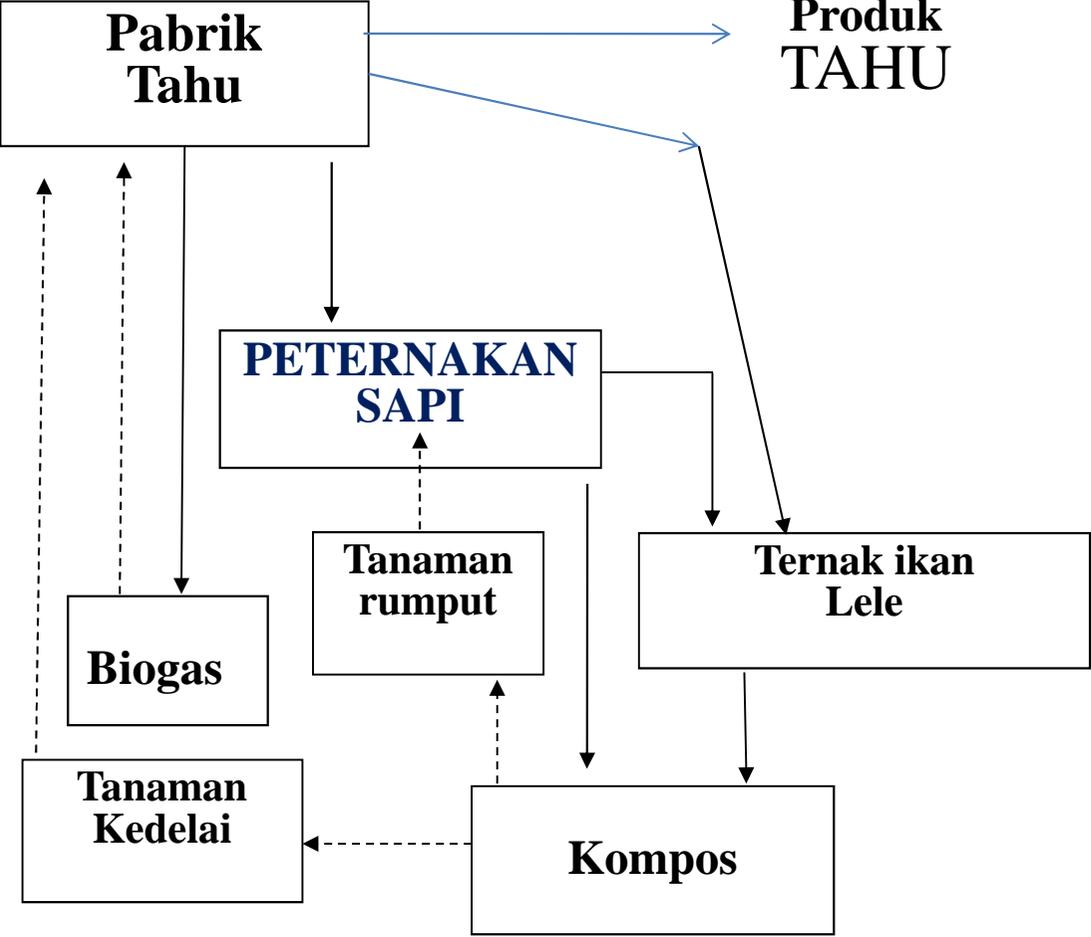
Kripik ketela
Local genius



INOVASI
Packaging



**CONTOH
PENGEMBANGAN SIMBIOSIS INDUSTRI
LINGKAR TERTUTUP**



Contoh Inovasi Handphone

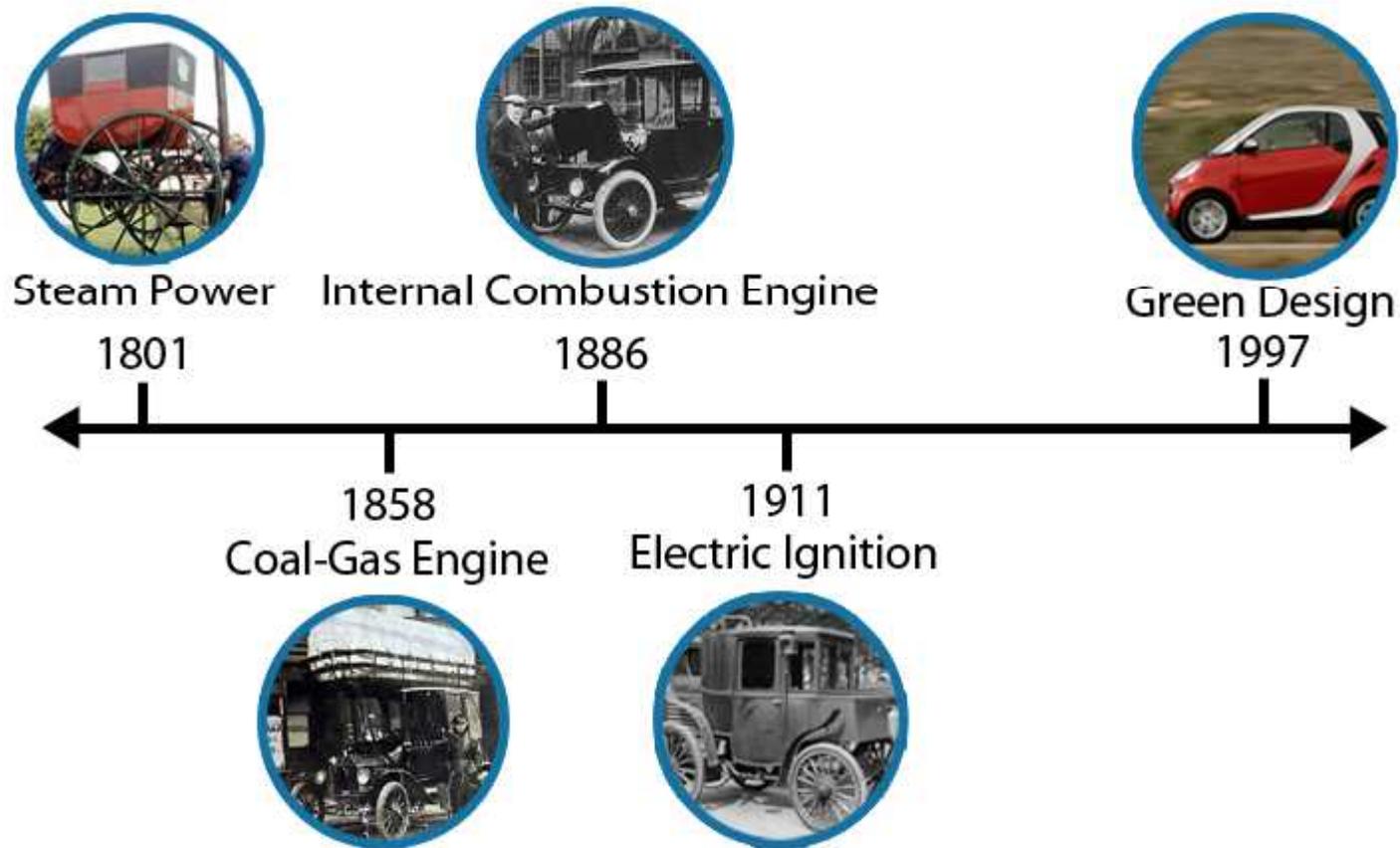


http://2.bp.blogspot.com/-20qulxql4wg/UQ_Hqh6IKhI/AAAAAAAAAB8A/fYb8-eEokc0/s1600/Akbar+menelepon+Doni.jpg



https://upload.wikimedia.org/wikipedia/commons/8/8d/Mobile_Phone_Evolution_1992_-_2014.jpg

The Evolution of Greener Cars: A Timeline



Diseminasi dan Publikasi ?

5

Seminar Nasional

Seminar Internasional

Jurnal Nasional

Jurnal Nasional Terakreditasi

Jurnal Internasional

Jurnal Internasional Bereputasi

Indonesian Publication Index (IPI)

- Indonesian Publication Index, sebelumnya dikenal sebagai **Portal Garuda** Indonesian Publication Index.
- IPI diinisiasi oleh Institute of Advanced Engineering and Science (IAES) Indonesia Section.
- IPI memuat **4.049** journals (akses per 10 Oktober 2017)

Inasti

Indonesia Science and Technology Index

- Inasti membuat peringkat jurnal berbasis faktor dampak (Impact Factor) mulai tahun 2012 dikelola oleh LIPI
- Inasti memuat 497 entri jurnal

<http://inasti.lipi.go.id/inasti3/journal>

Sinta

Science and Technology Index

- Indeks Sinta yang dikelola oleh Kementerian Riset, Teknologi dan Pendidikan Tinggi memuat 959 jurnal (akses per 9 Oktober 2017)
- Score Jurnal : S1, S2, S3, S4, S5 dan S6 berdasarkan h indeks.
- Score S1 : Jurnal Indonesia yang terindeks Scopus.

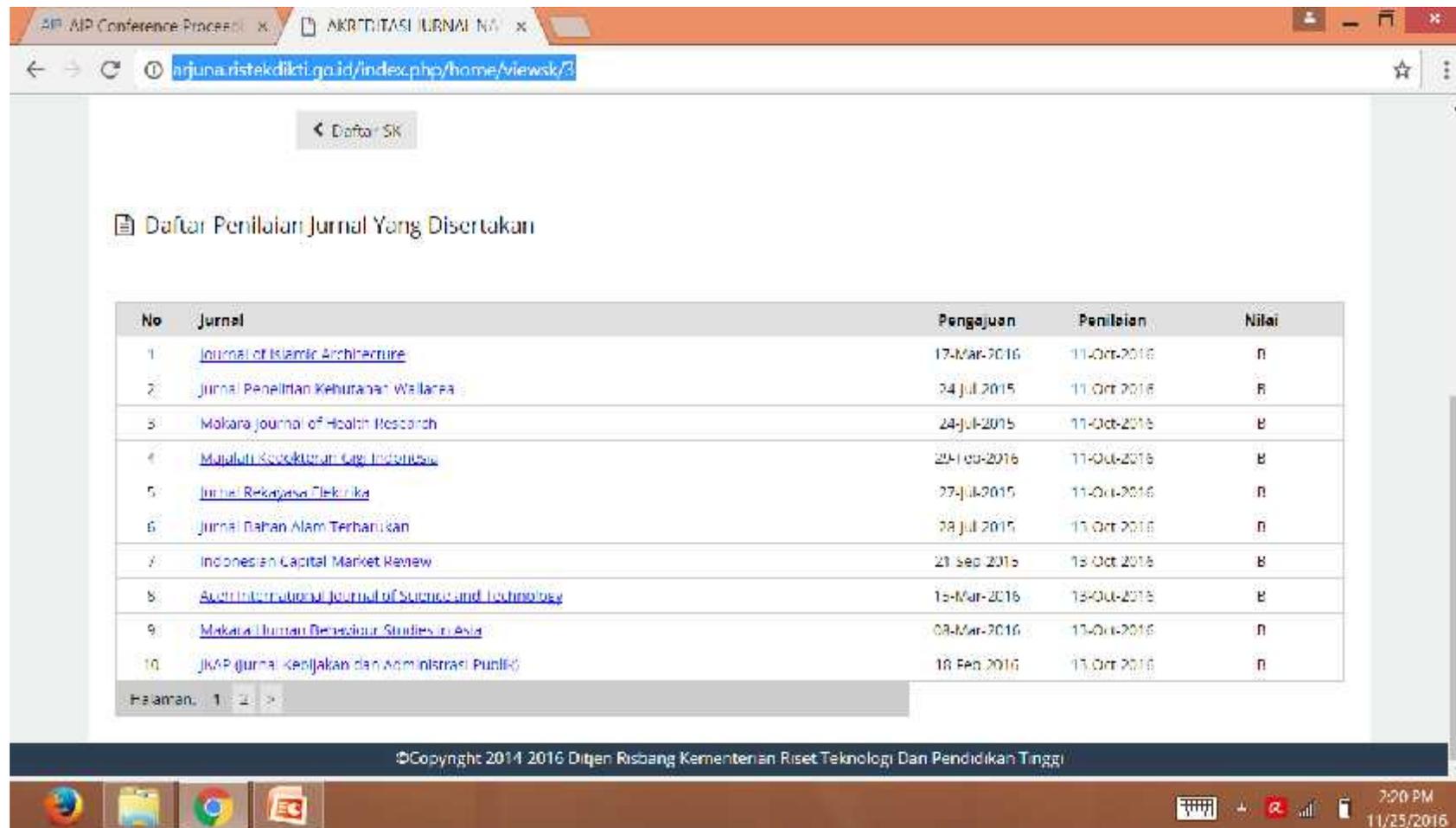
<http://sinta2.ristekdikti.go.id/journals?q=&search=1&sinta=5>

SINTA - Author



Jurnal Nasional Terakreditasi

Data akreditasi pada
<http://arjuna.ristekdikti.go.id/index.php/home/>



Daftar SK

Daftar Penilaian Jurnal Yang Disertakan

No	Jurnal	Pengejuan	Penilaian	Nilai
1	Journal of Islamic Architecture	17-Mar-2016	11-Oct-2016	B
2	Jurnal Penelitian Kehutanan Wallacea	24-Jul-2015	11-Oct-2016	B
3	Makara Journal of Health Research	24-Jul-2015	11-Oct-2016	B
4	Majalah Sains dan Teknologi	29-Feb-2016	11-Oct-2016	B
5	Jurnal Rekayasa Elektrika	27-Jul-2015	11-Oct-2016	B
6	Jurnal Bahan Alam Terbarukan	28-Jul-2015	11-Oct-2016	B
7	Indonesian Capital Market Review	21-Sep-2015	15-Oct-2016	B
8	Austri International Journal of Science and Technology	15-Mar-2016	15-Oct-2016	B
9	Makara Human Development Studies in Asia	08-Mar-2016	15-Oct-2016	B
10	JKAP (Jurnal Kebijakan dan Administrasi Publik)	18-Feb-2016	15-Oct-2016	B

Halaman: 1 2 >

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7:20 PM
11/25/2016

Jurnal Nasional Terakreditasi

283 jurnal (Data April 2017)

- Agama : 43 jurnal
- Ekonomi : 35 jurnal
- Hukum : 11 jurnal
- Kesehatan : 48 jurnal
- MIPA : 20 jurnal
- Pendidikan : 18 jurnal
- Pertanian : 30 jurnal
- Rekayasa : 32 jurnal
- Seni : 5 jurnal
- Sosio Humaniora : 41 jurnal

Publikasi Internasional

- Artikel Prosiding Internasional
- Artikel Jurnal Internasional
- Artikel Jurnal Internasional Bereputasi

Major citation indexing services

- Thomson Reuters : **Web of Science**
- Elsevier : **Scopus**
- ICI : Indian Citation Index

Web of Science and Scopus are available by subscription (generally to libraries).

[CiteSeer](#) and [Google Scholar](#) are freely available online.

Scopus Indexed Journal

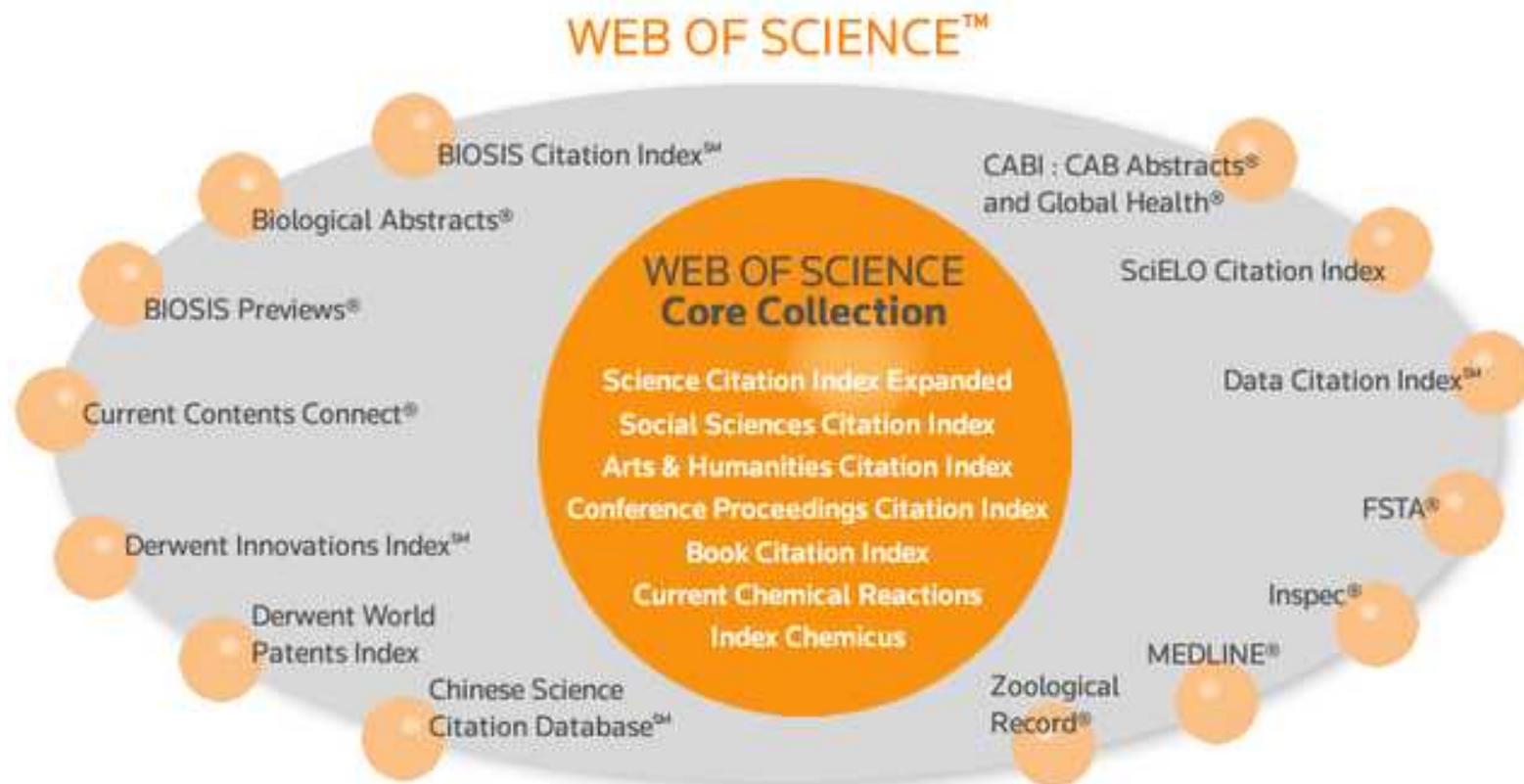
22.878 jurnal (Scimago JR, 2014)

28.606 jurnal (Scimago JR, 2016)

- Agricultural and Biological Sciences : 1.873
- Arts and Humanities : 3.317
- Biochemistry, Genetics and Molecular Biology: 1.878
- Business, Management and Accounting : 1.106
- Chemical Engineering : 527
- Chemistry : 813
- Computer Science : 1.145
- Decision Sciences : 293
- Dentistry : 167
- Earth and Planetary Sciences : 1.070
- Economics, Econometrics and Finance : 863
- Energy : 368
- Engineering : 2.429
- Environmental Science : 1.174
- Health Professions : 462
- Immunology and Microbiology : 520
- Materials Science : 1.038
- Mathematics : 1.284
- Medicine : 6.450
- Multidisciplinary : 109
- Neuroscience : 509
- Nursing.: 587
- Pharmacology, Toxicology and Pharmaceutics : 738
- Physics and Astronomy : 1.005
- Psychology : 1.004
- Social Sciences : 5.091
- Veterinary : 211

Thomson Reuters : Web of Science

Science, social science, arts, humanities (supports 256 disciplines)



Tahun 2016 Clarivate Analytics mengoperasikan Web of Science

Web of Science

Clarivate Analytics

- **Science Citation Index Expanded**
8.850 jurnal
- **Social Science Citation Index**
3.200 jurnal
- **Arts & Humanities Citation Index Fully**
1.700 jurnal

Scimago Journal & Country Rank 1996-2015

Rank	Country	Documents	Citations per document	H index
1	United States	9360233	21.66	1783
2	China	4076414	5.93	563
3	United Kingdom	2624530	19.35	1099
4	Germany	2365108	17.31	961
5	Japan	2212636	13.76	797
6	France	1684479	16.82	878
7	Canada	1339471	19.17	862
8	Italy	1318466	15.85	766
9	India	1140717	7.41	426
10	Spain	1045796	14.16	648

Scimago Journal & Country Rank

Asia, 1996-2015

Rank	Country	Documents	Citations per document	H index
1	China	4076414	5.93	563
2	Japan	2212636	13.76	797
3	India	1140717	7.41	426
4	South Korea	824839	10.28	476
5	Taiwan	532534	10.56	363
6	Hong Kong	219177	15.94	392
7	Singapore	215553	14.55	392
8	Malaysia	181251	4.9	190
9	Thailand	123410	9.58	236
10	Pakistan	94285	5.79	166
11	Indonesia	39719	7.12	155
12	Bangladesh	30612	7.43	134
13	Viet Nam	29238	8.68	142
14	Philippines	20326	13.07	163
15	Sri Lanka	12557	9.69	120

*Tahun 2017 jumlah publikasi Indonesia > Thailand

<http://www.scimagojr.com/>

Scopus Indexed Journal - Indonesia

No	Title	Documents 3 years	SJR Best Quartile
1	Acta medica Indonesiana	170	Q2
2	International Journal of Power Electronics and Drive Systems	182	Q3
3	International Journal on Electrical Engineering and Informatics	144	Q3
4	Telkomnika	325	Q3
5	Bulletin of Chemical Reaction Engineering and Catalysis	81	Q4
6	Biodiversitas	37	Q4
7	Journal of ICT Research and Applications	40	Q3
8	International Journal of Electrical and Computer Engineering	108	Q3
9	Indonesian Journal of Chemistry	131	Q4
10	Kukila	34	Q4
11	Gadjah Mada International Journal of Business	35	Q3
12	International Journal of Technology	88	Q4
13	Indonesian Journal of Applied Linguistics	70	Q3
14	Agrivita	72	Q4
15	Journal of Engineering and Technological Sciences	78	Q4
16	Biotropia	35	Q4
17	Journal of Mathematical and Fundamental Sciences	81	Q4
18	Critical Care and Shock	33	Q4
19	Al-Jami'ah	34	Q4

Contoh Prosiding Terindeks

The screenshot displays the AIP Scitation website interface. At the top, the browser address bar shows the URL scitation.aip.org/content/aip/proceeding/aipcp. The website header features the AIP Scitation logo, a search bar, and navigation links for Publishers, Publications, Topics, Collections, Librarians, and Authors. A secondary search bar is located on the right side of the header.

The main content area includes a breadcrumb trail: Home > Publishers > AIP Publishing > Conference Proceedings Serial. Below this is a large blue banner with the text "AIP Conference Proceedings". A navigation menu below the banner includes links for Overview, Browse titles, Browse volumes, Open Access, Testimonials, Organizers, Authors, and Forthcoming Titles.

The "Overview" section features a cover image of the "AIP Conference Proceedings" journal. To the right of the image, a text block states: "AIP Conference Proceedings report findings presented at many of the most important scientific meetings around the world. Published proceedings are valuable as topical status reports providing quick access to information before it appears in the traditional journal literature." Below the image, the ISSN (0004-243X) and E-ISSN (1551-7616) are listed.

On the right side of the page, a "Sign in" section offers options: Sign in via Username, Sign in via Shibboleth/Altiris, Register, My Cart, Subscribe to email alerts, and Subscribe to RSS.

At the bottom of the page, there are sections for "LATEST TITLES" and "MOST READ THIS MONTH". The Windows taskbar at the very bottom shows the system tray with the date and time: 2:15 PM, 11/25/2016.

Scopus indexed

Pilihan Jurnal Bidang Ilmu pada Publikasi Internasional



The screenshot shows a web browser window with the URL www.scimagojr.com/journalrank.php?area=2300. The page displays a table of journal rankings. The table has 11 columns: Title, Type, SJR (with a downward arrow), H Index, Total Docs. (2015), Total Docs. (3years), Total Refs., Total Cites (3years), Citable Docs. (3years), Cites / Doc. (2years), and Ref. / Doc. The top 6 journals are listed, each with a Q1 indicator in a green box and a small flag icon.

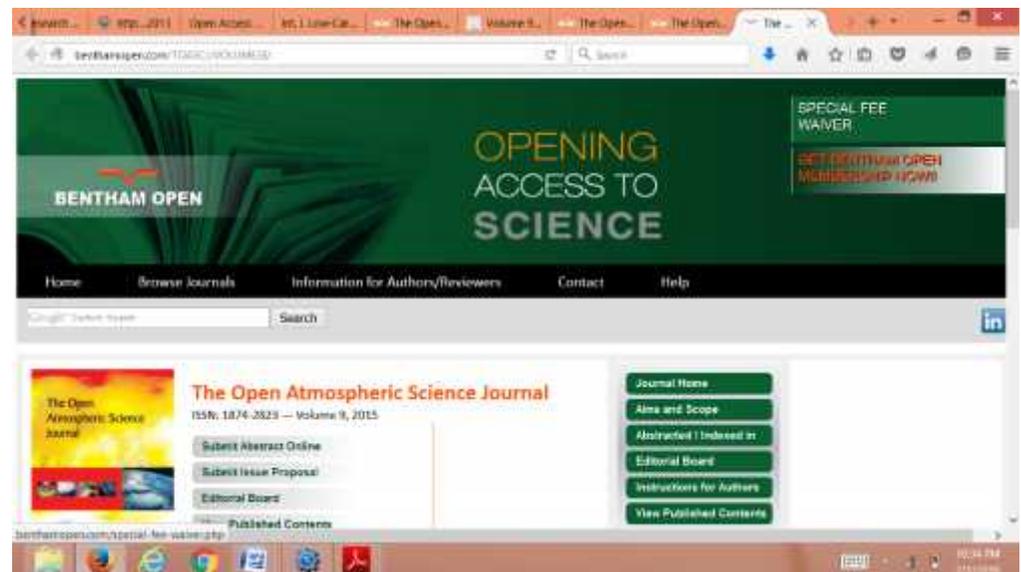
	Title	Type	↓ SJR	H Index	Total Docs. (2015)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	
1	Energy and Environmental Sciences	journal	10.475 Q1	158	331	1261	23773	29756	1234	25.10	71.82	
2	Annual Review of Ecology, Evolution, and Systematics	journal	9.624 Q1	165	28	76	3614	888	76	9.55	129.07	
3	Nature Climate Change	journal	9.562 Q1	69	316	840	8023	8010	536	14.91	25.39	
4	Advances in Optics and Photonics	journal	8.416 Q1	30	1	28	338	358	26	14.39	338.00	
5	Geochemical Perspectives	journal	7.169 Q1	8	2	10	785	106	10	7.00	392.50	
6	MMWR. Morbidity and mortality	journal	5.770 Q1	152	351	895	2537	4981	537	11.15	7.23	

Pernyataan tentang Publikasi Jurnal Internasional

- Jurnal pada bidang tertentu tidak ada
- Biaya publikasi mahal
- Memasukkan naskah sulit
- Publikasi perlu waktu lama sampai tahunan
- Peralatan laboratorium banyak yang usang

Biaya publikasi mahal

- Banyak jurnal yang tidak mensyaratkan pembayaran bagi penulis
- Beberapa jurnal menyediakan pilihan : akses berlangganan – penulis tidak membayar, open access – penulis membayar



Memasukkan naskah sulit

- Beberapa jurnal bersifat umum, dan beberapa jurnal bersifat sangat spesifik.
- Penulis perlu memperhatikan dan mengikuti petunjuk penulisan dan ruang lingkup naskah yang diterbitkan oleh suatu jurnal
- Cek penulisan bahasa Inggris oleh ahli bahasa

Jurnal → SJR Q1 atau Q4?

Rank	Title	Type	Issn	SJR	SJR Quartile
1	Methods in Ecology and Evolution	journal	ISSN 2041210X	5.513	Q1
2	Water Research	journal	ISSN 00431354	2.772	Q1
3	Environmental Modelling and Software	journal	ISSN 13648152	2.198	Q1
4	Fungal Ecology	journal	ISSN 17545048	1.315	Q1
5	Theoretical Ecology	journal	ISSN 18741738	1.255	Q1
6	Computers, Environment and Urban Systems	journal	ISSN 01989715	1.192	Q1
7	Environmetrics	journal	ISSN 1099095X, 11804009	1.176	Q2
8	Ecological Modelling	journal	ISSN 03043800	1.098	Q2
9	Multiscale Modeling and Simulation	journal	ISSN 15403459	1.062	Q2
10	Ecological Complexity	journal	ISSN 1476945X	0.93	Q2
11	Forest Science	journal	ISSN 0015749X	0.872	Q2
12	Diversity	journal	ISSN 14242818	0.862	Q3
13	Ecological Informatics	journal	ISSN 15749541	0.781	Q3
14	Water, Air, and Soil Pollution	journal	ISSN 15732932, 00496979	0.632	Q3
15	Silva Fennica	journal	ISSN 00375330	0.604	Q3
16	Boreal Environment Research	journal	ISSN 12396095	0.57	Q3
17	Herpetological Journal	journal	ISSN 02680130	0.512	Q4
18	Human and Ecological Risk Assessment (HERA)	journal	ISSN 15497860, 10807039	0.47	Q4
19	IEEE Green Technologies Conference	conference and proceeding	ISSN 21665478	0.331	-
20	International Journal of Bioautomotion	journal	ISSN 13142321, 13141902	0.164	Q4
21	Waldokologie Online	journal	ISSN 1867710X, 16147103	0.158	Q4
22	Developments in Environmental Modelling	book serie	ISSN 01678892	0.137	Q4

Publikasi perlu waktu lama

- Memilih jurnal bereputasi dengan frekuensi penerbitan yang tinggi.



The screenshot shows a web browser displaying a scientific article on the Nature.com website. The browser's address bar shows the URL www.nature.com/articles/srep20303. The page header includes the "natureINSIGHT" logo and the text "Access the Insight online". Below the header, the breadcrumb navigation reads "nature.com > scientific reports > article". The article title is "Efficient simultaneous adsorption-biodegradation of high-concentrated N,N-dimethylformamide from water by *Paracoccus denitrificans*-graphene oxide microcomposites". The article is marked as "Article | OPEN". On the right side, there are options for "PDF", "Share" (Facebook), and "Tools". Below the title, there are tabs for "Sections" and "Figures". The "Sections" tab is active, showing a list of sections: "Abstract", "Introduction", and "Results and Discussion". The Windows taskbar at the bottom shows the time as 10:49 PM on 7/17/2016.

Scientific Reports – terindeks Scopus Q1 – terbit tiap hari

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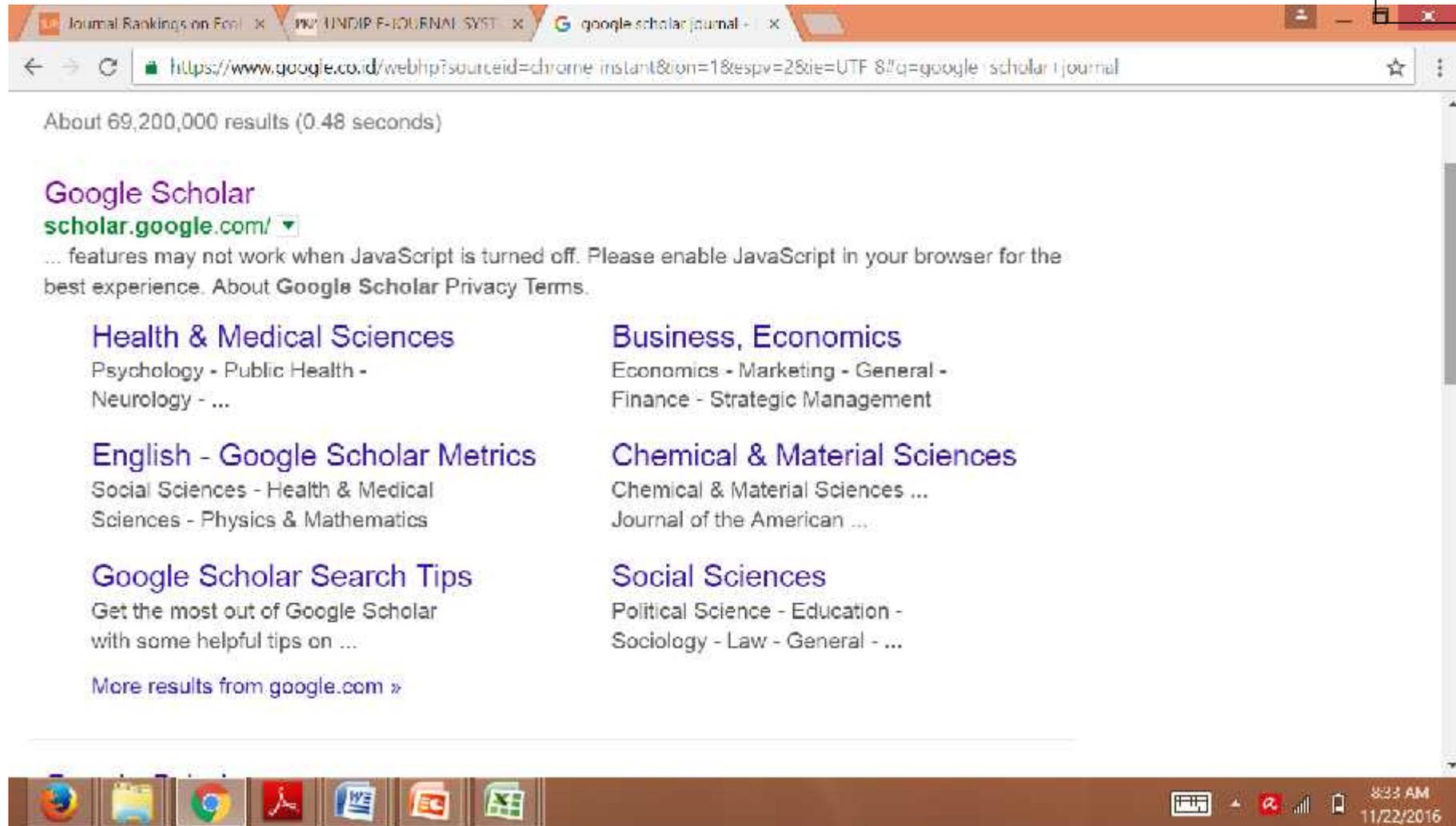
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Membuat Profil Diri : Google Scholar

7



Google Scholar - Purwanto

Prof. P. PURWANTO

Dept of Chemical Engineering; School of Postgraduate Studies
Diponegoro University

Chemical Reaction Engineering, Waste Management, Cleaner Production, Green Engineering, Entrepreneurship

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Solubility of hydrogen, carbon monoxide, and 1-octene in various solvents and solvent mixtures					83	1996
Kinetics of hydroformylation of 1-octene using [Rh (COD) Cl] 2-TPPTS complex catalyst in a two-phase system in the presence of a cosolvent					56	1996

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i10 index	4	4

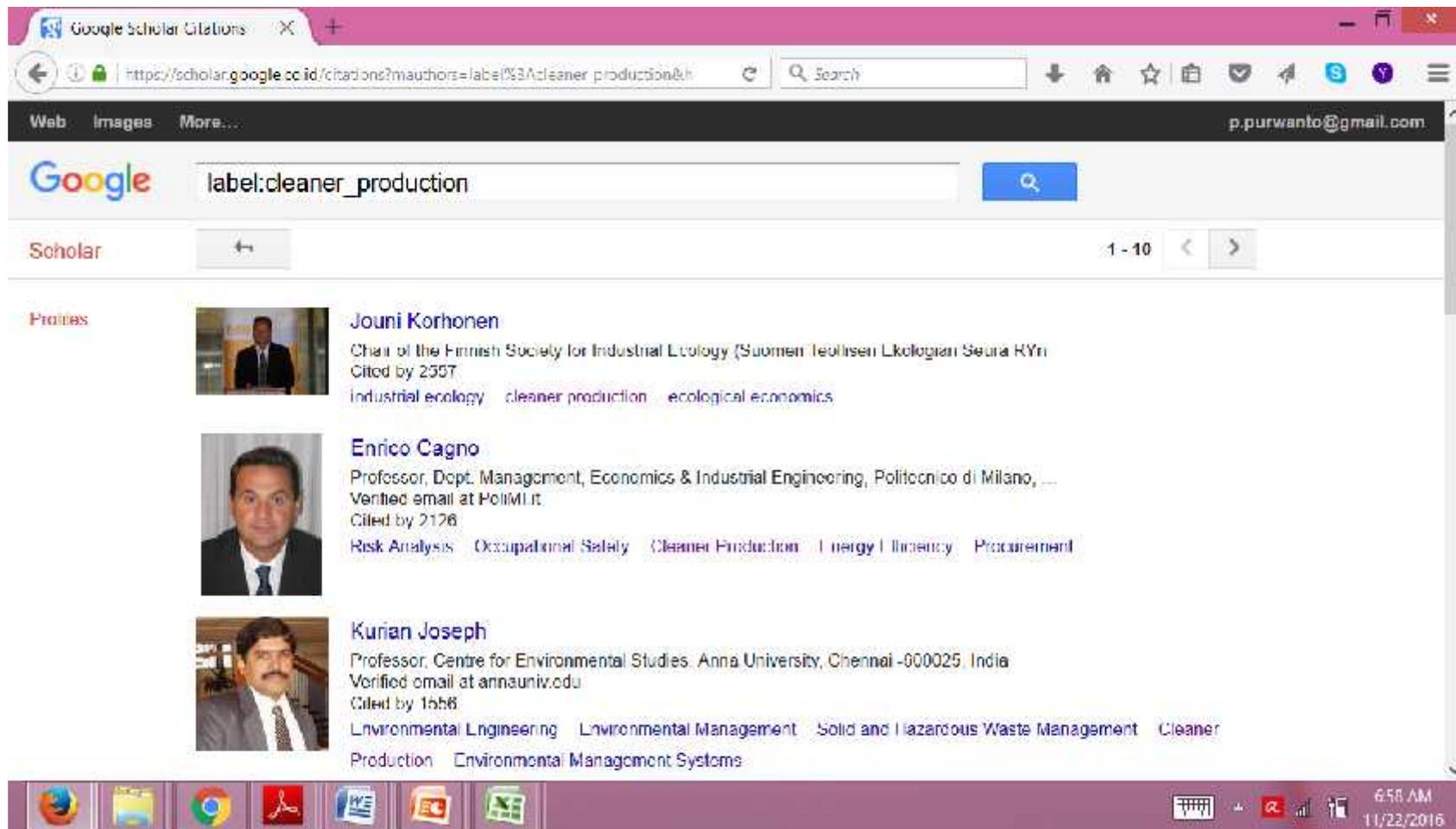
2008 2009 2010 2011 2012 2013 2014 2015 2016

Co-authors Edit...

- Honri Dolmas
- Raghuuath V Chaudhari
- Elanda Fikri
- gagoek hardiman
- Iugman Buchori
- Nu. Kusuma Dewa

6:55 AM
11/22/2016

Google Scholar 'cleaner production'



The screenshot shows a Google Scholar search for 'label:cleaner_production'. The search results are displayed under the 'Profiles' section. Three authors are listed:

- Jouni Korhonen**: Chair of the Finnish Society for Industrial Ecology (Suomen Teollisen Ekologian Seura RY:n). Cited by 2357. Keywords: industrial ecology, cleaner production, ecological economics.
- Enrico Cagno**: Professor, Dept. Management, Economics & Industrial Engineering, Politecnico di Milano, ... Verified email at Polimi.it. Cited by 2126. Keywords: Risk Analysis, Occupational Safety, Cleaner Production, Energy Efficiency, Procurement.
- Kurian Joseph**: Professor, Centre for Environmental Studies, Anna University, Chennai - 600025, India. Verified email at annauniv.edu. Cited by 1656. Keywords: Environmental Engineering, Environmental Management, Solid and Hazardous Waste Management, Cleaner Production, Environmental Management Systems.

36 ilmuwan bidang CP

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Google Scholar 'entrepreneurship'

The screenshot shows a Google Scholar search for 'label:entrepreneurship'. The search results are displayed in a list format under the 'Profiles' section. The first three profiles are:

- Christopher Lettl**: Full Professor, WU Vienna. Verified email at wu.ac.at. Cited by 2628. Research areas: Innovation, Entrepreneurship, Organization Design.
- Paula Danskin Englis**: Professor of Management, Berry College. Verified email at berry.edu. Cited by 2623. Research areas: Entrepreneurship, Knowledge Management, Knowledge Intensive Entrepreneurship, Family Business.
- Pavlos Dimitratos**: Professor of International Business, ASBS, University of Glasgow. Verified email at glasgow.ac.uk. Cited by 2612.

The browser address bar shows the URL: https://scholar.google.co.id/citations?view_op=search_authors&hl=en&mauthors=label:entrepreneurship. The taskbar at the bottom shows the date and time as 7:04 AM on 11/22/2016.

Ratusan ilmuwan Entrepreneurship

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TERIMA KASIH

E-mail : purwanto@live.undip.ac.id

Mobile : 0815.660.3569