

# The Plant Wellness Way Difference Gives Sites World Class Reliable Operating Assets and Equipment

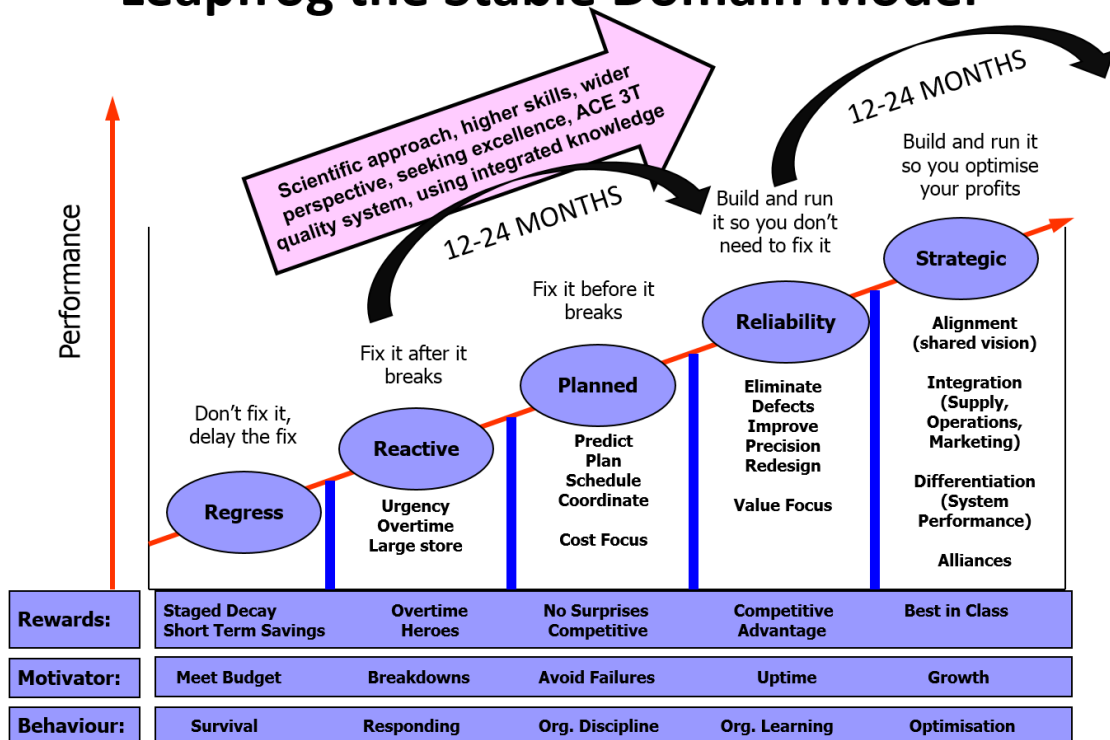
*Let a Plant Wellness Way EAM System-of-Reliability End Your Business Risks Forever*

The Plant and Equipment Wellness Way lets organizations make their operating assets world class reliable so they can enjoy operational excellence success. A Plant Wellness Way EAM System-of-Reliability puts the reliability processes, skills, paradigm, and culture into companies that creates world class reliability and operational excellence.

Since 1985, all that is needed for operation excellence success has been known. What was not available until the Plant Wellness Way EAM methodology, was the ability to design and build a life cycle long, business-wide asset management system with the optimal processes and the right practices to guarantee reliable plant and equipment needed for Operational Excellence.

PWW EAM solutions give you a sure path to the pinnacle of enterprise asst management (EAM) success.

## Leapfrog the Stable Domain Model

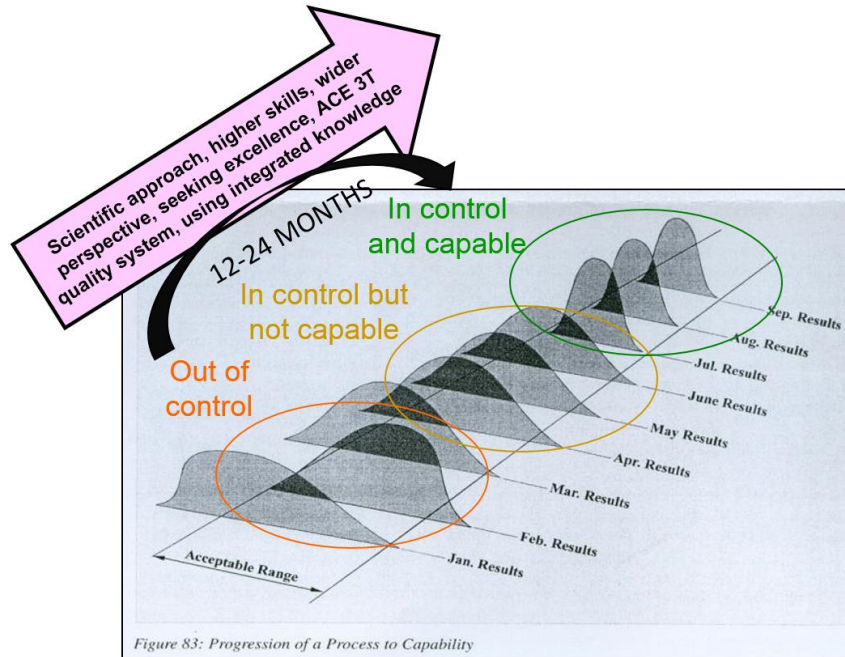


PWW EAM puts the knowledge, methods, and expertise into your operation to take it into the top decile of EAM performance. It gives a company a world class operation in the top 10% of its industry. And PWW EAM does not stop there—it will continually help your business get better until you are the utmost profitable and productive.

How long it takes to design, review, prepare, train, and implement PWW EAM in an operation depends on the type and size of the organization. It can be as fast as 12 months to progress from design to the training phase, and another 12 months for site-wide implementation. You will see a

great ROI on your efforts in the next 12 months following implementation. It only gets better after that.

## Built-in Operational Excellence



The new operating profits you get come from:

1. PWW EAM generates extra plant availability through the standardized use of optimum reliability, operating and maintenance practices, a big reduction in human errors, and the paradigm shift to a reliability and operating risk adverse mentality. You have shorter turnarounds delivering properly cared for equipment that operates better for longer between shutdowns. Over a year you can expect PWW practices to reduce planned outages by 25% and be of lesser duration than without using PWW EAM. (If your operation is running at about or below 85% Uptime, we expect to get you to 90%. When you become a very good PWW operation you'll get even higher availability.)
2. Unexpected breakdowns caused by wrong paradigms and practices will fall 90%. 9 out of 10 breakdowns you now suffer will either not happen again, or will be planned and scheduled work. For 9 of every 10 breakdowns now happening your can expect to recover some ten times their direct maintenance costs as more operating profit.
3. Less people are needed in your operation since far fewer production and plant problems happen. The work crews are smaller, and you need fewer supervisory and technical support staff, because the team work structure you use brings powerful operational research, engineering and reliability knowledge and skill synergies. For every 10 people in standard plant manning you can expect only 8 with PWW.
4. On top of the breakdowns you won't have any more, our reliability strategy and tactics approach will bring an additional 20% less annual maintenance cost for the life of the plant compared to using RCM techniques and the usual organisational structure and procedural

practices. Every year you'll keep this in-built 20% less maintenance cost, plus get extra production, from your reliability creating organisational structure, methods and personal behaviours of the PWW methodology.

5. There will be a lower total inventory of spare parts to hold in your store. What spares are carried will be specifically matched to the equipment wear rates so spares are only kept for high maintenance equipment and highly critical plant. Your people will monitor plant and equipment stress and wear and forecast when parts need to be replaced so they can put orders on suppliers in good time and not need to keep those parts yourself. Parts inventory savings of 15% would be expected compared to an operation not using PWW methodologies.
6. Through the use of PWW imbedded stress reduction operating practices the degradation rate of equipment will be minimised and be more predictable. Production plans are far more certain to be achieved because equipment is not overstressed since PWW reliability creation methods and predictive monitoring are built into all the standard operating practices used company-wide. With PWW methods your production throughput will continually meet design specification and planned deliveries will be highly certain, thereby building a great reputation with Customers.
7. Less management time is used to run the operation because PWW standard operating practices greatly reduce day-to-day problems. Substantially fewer management hours need to be spent in a PWW culture operation—in the order of half the management time of non-PWW sites, since the workplace teams self-manage and have the capability to make excellent business decisions.
8. The imbedded PWW reliability methods, culture and paradigms ensure your people proactively seek and adopt advantageous technologies and practices to simplify and hasten what they do so you rapidly move ahead of your competition and create ever growing operating profits.
9. With PWW working brilliantly for you at your first site it will be easy and quick to roll the Plant Wellness Way methods everywhere across your company. You will have a sure operational excellence solution to world class reliability, operations and maintenance performance that is consistently being improved. You might even want to buy-out your competition with all the extra money you make from PWW and take over their operating plants and market share.

To get those benefits the PWW solutions need to be used in your operation and not left on the design and modelling pages and spread sheets. Training your managers, engineers, maintenance, and operations people in PWW methods has to be part of our deliverable if you want all the operating profits that PWW can produce. If we design the world's highest availability production plant and operation excellence solution for you on paper, but the design is never put into actual practice in your company, then you cannot get the full benefits of PWW because it's not actually in use.

If you have questions about the above, simply contact us.

All the very best to you and your company's future,

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